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Research in Space Science

SPECIAL REPORT

Number 54

CATALOGUE OF SATELLITE OBSERVATIONS
No. C-18

D. V. Meckou December 19, 1960 HOP (C-18)
CAMBRIDGE 38, MASSACHUSETTS

SAO Special Report No. 54

CATALOGUE OF SATELLITE OBSERVATIONS

No. C-18

Prepared by D. V. Mechau

Smithsonian Institution
Astrophysical Observatory

Cambridge 38, Massachusetts

TABLE OF CONTENTS

Catalogue of Satellite Observations, No. C-18

Prepared by D. V. Mechau

Introduction	1
Explanation of Index Number	3
Observations of Satellite 1958 Alpha	
June 1 through August 31, 1960	5
Additions to previous observation listings	9
Corrections to previous observation listings	10
Observations of Satellite 1958 β 1	
June 1 through August 31, 1960	10
Additions to previous observation listings	14
Corrections to previous observation listings	14
Observations of Satellite 1958 β 2	
Correction to previous observation listing	15
Observations of Satellite 1958 δ 2	
Additions to previous observation listings	15
Corrections to previous observation listings	35
Observations of Satellite 1958 Epsilon	
Corrections to previous observation listings	37

CATALOGUE OF SATELLITE OBSERVATIONS, No. C-18

Prepared by D. V. Mechau¹

INTRODUCTION

This report lists observations of Satellites 1958 Alpha and 1958 β 1 for the period June 1 through August 31, 1960, as well as additions and corrections to previous listings of observations of these satellites; corrections to previous listings of observations of Satellites 1958 β 2 and 1958 Epsilon; and additions and corrections to previous listings of observations of Satellite δ 2.

After May 31, 1960, the Smithsonian Astrophysical Observatory discontinued tracking of Satellite 1958 β 2 (Vanguard I). No observations of this object made subsequent to that date will be published in the SAO Special Report series.

Minitrack and Doppler data, and observations from the Jokioinen Observatory received by SAO are not included. The observations listed include those from the Smithsonian Baker-Nunn camera stations, Moonwatch teams, U.S. and foreign observatories, military installations, Photo-track stations, and miscellaneous observers. A number of observations have been received from the National Space Surveillance Control Center (NSSCC), under an arrangement involving an exchange of observations of artificial earth satellites.

Units

The date given lists the month and day of the observation; the time (U. T.) is given in hours, minutes, and seconds; right ascension is in hours, minutes, and seconds; declination, azimuth, and altitude are in degrees, minutes, and seconds; azimuth is measured from north through east; the range is in meters.

An explanation of the Index Number appears on pages 3 and 4.

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EXPLANATION OF INDEX NUMBER

The index number in the column to the extreme right consists of six digits. The first digit indicates the precision of the time of the observation; the second and third digits, the precision of position; the fourth digit, the coordinate system and corrections; the fifth digit, the equator and equinox; the sixth digit, the type of instrumentation used in making the observation.

Precision of Time (1st digit)

Code number	Standard error in timing (σ_t)	Code number	Standard error in timing (σ_t)
0	No estimate	5	$.02^S < \sigma_t \leq .05^S$
1	$\sigma_t \leq .0003^S$	6	$.05^S < \sigma_t \leq .2^S$
2	$.0003^S < \sigma_t \leq .002^S$	7	$.2^S < \sigma_t \leq .5^S$
3	$.002^S < \sigma_t \leq .005^S$	8	$.5^S < \sigma_t \leq 2^S$
4	$.005^S < \sigma_t \leq .02^S$	9	$\sigma_t > 2^S$

Precision of Position (2nd and 3rd digits)

Code number*	Standard error in direction (σ_D)	Code number*	Standard error in direction (σ_D)	Code number*	Standard error in direction (σ_D)
00	No estimate	17	$16^N5 < \sigma_D \leq 17^N5$	34	$217 < \sigma_D \leq 315$
01	$\sigma_D \leq 1^N5$	18	$17^N5 < \sigma_D \leq 18^N5$	35	$315 < \sigma_D \leq 414$
02	$1^N5 < \sigma_D \leq 2^N5$	19	$18^N5 < \sigma_D \leq 19^N5$	36	$414 < \sigma_D \leq 518$
03	$2^N5 < \sigma_D \leq 3^N5$	20	$19^N5 < \sigma_D \leq 20^N5$	37	$518 < \sigma_D \leq 715$
04	$3^N5 < \sigma_D \leq 4^N5$	21	$20^N5 < \sigma_D \leq 22^N$	38	$715 < \sigma_D \leq 917$
05	$4^N5 < \sigma_D \leq 5^N5$	22	$22^N < \sigma_D \leq 23^N5$	39	$917 < \sigma_D \leq 131$
06	$5^N5 < \sigma_D \leq 6^N5$	23	$23^N5 < \sigma_D \leq 26^N$	40	$131 < \sigma_D \leq 171$
07	$6^N5 < \sigma_D \leq 7^N5$	24	$26^N < \sigma_D \leq 29^N$	41	$171 < \sigma_D \leq 221$
08	$7^N5 < \sigma_D \leq 8^N5$	25	$29^N < \sigma_D \leq 33^N$	42	$221 < \sigma_D \leq 281$
09	$8^N5 < \sigma_D \leq 9^N5$	26	$33^N < \sigma_D \leq 38^N$	43	$281 < \sigma_D \leq 371$
10	$9^N5 < \sigma_D \leq 10^N5$	27	$38^N < \sigma_D \leq 45^N$	44	$371 < \sigma_D \leq 491$
11	$10^N5 < \sigma_D \leq 11^N5$	28	$45^N < \sigma_D \leq 54^N$	45	$491 < \sigma_D \leq 1^O1$
12	$11^N5 < \sigma_D \leq 12^N5$	29	$54^N < \sigma_D \leq 111$	46	$1^O1 < \sigma_D \leq 1^O4$
13	$12^N5 < \sigma_D \leq 13^N5$	30	$111 < \sigma_D \leq 113$	47	$1^O4 < \sigma_D \leq 1^O8$
14	$13^N5 < \sigma_D \leq 14^N5$	31	$113 < \sigma_D \leq 117$	48	$1^O8 < \sigma_D \leq 2^O4$
15	$14^N5 < \sigma_D \leq 15^N5$	32	$117 < \sigma_D \leq 211$	49	$2^O4 < \sigma_D$
16	$15^N5 < \sigma_D \leq 16^N5$	33	$211 < \sigma_D \leq 217$		

* For electronic instruments, these code numbers (2nd and 3rd digits of the index in table 6) are increased by 50.

Coordinate System and Corrections (4th digit)

Code number	Coordinate System
0	Right ascension and declination corrected for refraction or not known to be corrected.
1	Azimuth and altitude corrected for refraction.
2	Right ascension and declination not corrected for refraction.
3	Azimuth and altitude not corrected for refraction or not known to be corrected.

Equator and Equinox (5th digit)

Code number	Equator and Equinox
0	Of date given
1	1855.0
2	1875.0
3	1900.0
4	1950.0

Type of Instrumentation (6th digit)

Code number	Optical Observations	Code number	Electronic Observations
0	Naked eye and binoculars, visual.	0	Minitrack Mark 1.
1	Standard Moonwatch telescope, visual.	1	Minitrack Mark 2.
2	Apogee telescope, astronomical refractor or reflector, theodolite, visual.	2	Interferometer observations from radio observatories.
3	Baker-Nunn camera, photographic.	3	Doppler observations from radio observatories.
4	Small missile telecamera, tracking cameras with focal length 20 inches or greater, photographic.	4	Microlock.
5	Cinetheodolite, tracking cameras with focal length less than 20 inches, photographic.	5	Doppler observations from communications systems.
6	Harvard meteor camera (Super-Schmidt) photographic.	6	Doppler observations from missile ranges.
7	Stationary telescope or camera with focal length equal to or less than 10 inches, photographic.	7	Radar.
8	Stationary telescope or camera with focal length greater than 10 inches, photographic.	8	Unused digit.
9	Other instruments, or instrument unknown.	9	Miscellaneous.

1958 ALPHA

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00863	DALLAS, TEXAS	0129	6 01	2 58 42	13 11 12	33 47				845043
00855	OLIFANTSFNTR-BN,S.AF	9002	6 01	3 36 35.10	20 25 30	-28 59				434023
00857	AREQUIPA-BN, PERU	9007	6 01	8 55 04.41	19 29 42	-34 31				434023
00856	VILLA DOLORES-BN,ARG	9011	6 01	8 58 46.26	21 22 30	1 03				434013
00861	AREQUIPA-BN, PERU	9007	6 02	10 14 39.28	18 52 18	-57 43				434023
00862	WOOMERA-BN, AUSTR.	9003	6 02	19 13 10.40	21 36 18	- 8 57				434013
00870	AREQUIPA-BN, PERU	9007	6 03	9 39 31.83	19 52 06	-66 20				434023
00867	WOOMERA-BN, AUSTR.	9003	6 03	20 32 46.59	22 16 30	-36 53				434023
00901	SAN ANTONIO, TEXAS	0089	6 04	3 05 47	13 26 15	41 15				845042
00865	OLIFANTSFNTR-BN,S.AF	9002	6 04	3 44 29.90	21 11 00	-53 25				434023
00871	AREQUIPA-BN, PERU	9007	6 04	9 03 03.36	19 26 54	-66 15				434023
00872	VILLA DOLORES-BN,ARG	9011	6 04	9 04 19.62	19 54 18	-15 44				434013
00869	SAN FERNANDO-BN, SP.	9004	6 04	21 07 01.60	11 16 00	-27 44				434023
00866	OLIFANTSFNTR-BN,S.AF	9002	6 05	3 07 46.30	20 30 00	-52 09				434023
00868	WOOMERA-BN, AUSTR.	9003	6 05	19 19 37.37	21 24 48	-31 59				434023
00873	OLIFANTSFNTR-BN,S.AF	9002	6 06	2 31 45.34	20 51 06	-53 50				434023
00934	AREQUIPA-BN, PERU	9007	6 06	9 46 22.95	19 44 30	-77 04				434023
00874	WOOMERA-BN, AUSTR.	9003	6 06	20 38 27.43	21 52 30	-42 09				434023
00875	OLIFANTSFNTR-BN,S.AF	9002	6 07	3 51 07.10	21 58 42	-60 04				434023
00877	VILLA DOLORES-BN,ARG	9011	6 07	9 12 39.66	22 18 30	-38 46				434023
00878	VILLA DOLORES-BN,ARG	9011	6 07	9 16 10.43	1 31 36	-28 29				434023
00876	WOOMERA-BN, AUSTR.	9003	6 07	20 02 11.69	21 59 00	-43 18				434023
00879	OLIFANTSFNTR-BN,S.AF	9002	6 08	3 14 42.40	22 03 48	-62 30				434023
00882	MAUI-BN, HAWAII	9012	6 08	6 13 00.34	16 54 48	65 16				434013
00880	VILLA DOLORES-BN,ARG	9011	6 08	8 36 05.26	21 59 12	-37 54				434023
00881	WOOMERA-BN, AUSTR.	9003	6 08	19 25 30.25	21 30 00	-43 47				434023
00883	AREQUIPA-BN, PERU	9007	6 09	9 53 08.51	22 59 42	-80 28				434023
00884	WOOMERA-BN, AUSTR.	9003	6 09	20 44 55.68	23 06 42	-33 12				434023
00891	JUPITER-BN, FLA.	9010	6 10	1 28 54.40	11 48 36	-32 20				434023
00895	WOOMERA-BN, AUSTR.	9003	6 10	20 10 05.77	0 48 48	-25 39				434023
00886	OLIFANTSFNTR-BN,S.AF	9002	6 11	3 19 53.60	21 48 48	-57 56				434023
00893	MAUI-BN, HAWAII	9012	6 11	6 18 59.53	12 39 12	-10 16				434013
00892	VILLA DOLORES-BN,ARG	9011	6 11	8 41 33.95	22 20 00	-38 26				434033
00889	WOOMERA-BN, AUSTR.	9003	6 11	19 31 07.68	22 10 00	-39 34				434023
00890	CURACAO-BN, N.W.I.	9009	6 12	0 20 50.67	15 56 36	49 21				434013
00909	PUEBLA, MEX.	0900	6 12	2 08 42.0	12 56 06	9 46				845042
00887	OLIFANTSFNTR-BN,S.AF	9002	6 12	2 42 48.50	20 41 24	-62 22				434023
00888	WOOMERA-BN, AUSTR.	9003	6 12	20 49 56.02	22 51 48	-11 00				434013
00894	OLIFANTSFNTR-BN,S.AF	9002	6 14	3 24 37.03	21 22 12	-39 33				434023
00898	AREQUIPA-BN, PERU	9007	6 14	8 47 12.09	2 31 36	-62 50				434023
00900	MAUI-BN, HAWAII	9012	6 14	13 59 42.78	15 54 00	55 45				434013
00897	WOOMERA-BN, AUSTR.	9003	6 14	19 36 03.14	22 04 12	-18 16				434013
00899	CURACAO-BN, N.W.I.	9009	6 15	0 25 49.44	10 58 42	-29 17				434023
00896	OLIFANTSFNTR-BN,S.AF	9002	6 15	2 48 21.00	21 57 00	-43 40				434023
00902	AREQUIPA-BN, PERU	9007	6 16	9 27 18.72	23 53 48	-61 27				434023
00904	OLIFANTSFNTR-BN,S.AF	9002	6 18	2 52 50.60	21 22 00	- 5 59				434013
00905	AREQUIPA-BN, PERU	9007	6 18	10 08 48.04	23 36 18	-20 37				434013
00906	AREQUIPA-BN, PERU	9007	6 19	9 31 20.94	19 53 00	-32 59				434023
00903	OLIFANTSFNTR-BN,S.AF	9002	6 20	3 32 47.10	20 08 36	20 28				434013
00908	AREQUIPA-BN, PERU	9007	6 21	10 11 47.34	20 26 36	14 41				434013
00923	AREQUIPA-BN, PERU	9007	6 22	23 24 24.81	12 36 06	25 23				434013
30003	PRETORIA, S.AFR.	8575	6 24	16 52 35.2			28 24	36 48		845302
00930	OLIFANTSFNTR-BN,S.AF	9002	6 24	16 52 46.65	14 47 30	21 29				434013
00931	AREQUIPA-BN, PERU	9007	6 25	0 05 35.16	10 20 00	-57 15				434023
30001	PERTH, AUSTR.	0601	6 28	10 57 07.5			30 00	49 25		641303
30002	PERTH, AUSTR.	0601	6 28	10 57 17.6			37 05	48 18		641303
00932	JUPITER-BN, FLA.	9010	6 29	9 09 42.85	0 15 54	-39 04				434023
00933	JUPITER-BN, FLA.	9010	6 29	9 10 56.64	1 10 24	-29 20				434023
00936	VILLA DOLORES-BN,ARG	9011	6 29	22 59 12.02	15 30 00	-15 30				434013
00935	WOOMERA-BN, AUSTR.	9003	6 30	9 47 25.05	13 23 00	-29 44				434023
10003	MAUI-BN, HAWAII	9012	6 30	13 56 47.63	23 12 12	-35 32				434023
10004	MAUI-BN, HAWAII	9012	6 30	13 58 13.49	0 46 00	-18 37				434013
10001	OLIFANTSFNTR-BN,S.AF	9002	6 30	16 59 00.86	11 13 42	-61 04				434023
10002	OLIFANTSFNTR-BN,S.AF	9002	6 30	16 59 54.07	14 47 18	-69 07				434023
10005	OLIFANTSFNTR-BN,S.AF	9002	7 01	16 21 28.08	10 49 12	-50 49				434023
10006	OLIFANTSFNTR-BN,S.AF	9002	7 01	16 22 35.39	13 52 48	-61 20				434023
10017	VILLA DOLORES-BN,ARG	9011	7 01	23 37 39.66	12 21 12	-37 57				434023
10014	JUPITER-BN, FLA.	9010	7 02	9 13 45.04	0 53 54	- 7 28				434013
10018	MAUI-BN, HAWAII	9012	7 02	14 36 50.17	21 26 48	21 17				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10019	MAUI-BN, HAWAII	9012	7 02	14 37 29.72	22 39 00	31 03				434013
10015	JUPITER-BN, FLA.	9010	7 03	8 35 08.63	23 12 36	-29 58				434023
10016	JUPITER-BN, FLA.	9010	7 03	8 36 06.41	0 22 48	-19 18				434013
10009	WOOMERA-BN, AUSTR.	9003	7 03	9 50 41.48	15 04 42	-48 31				434023
10020	MAUI-BN, HAWAII	9012	7 03	13 59 30.66	21 19 06	9 18				434013
10021	MAUI-BN, HAWAII	9012	7 03	13 59 55.31	22 08 48	16 28				434013
10007	OLIFANTSFNNTN-BN,S.AF	9002	7 03	17 01 17.95	9 58 42	-64 20				434023
10008	OLIFANTSFNNTN-BN,S.AF	9002	7 03	17 03 00.56	16 58 00	-71 42				434023
10010	WOOMERA-BN, AUSTR.	9003	7 04	9 12 32.10	12 34 36	-44 23				434023
10011	WOOMERA-BN, AUSTR.	9003	7 04	9 15 50.15	18 02 00	-25 11				434023
10012	SAN FERNANDO-BN, SP.	9004	7 05	3 49 56.60	23 26 12	-30 36				434023
10013	SAN FERNANDO-BN, SP.	9004	7 05	3 50 58.80	0 32 12	-23 01				434023
10022	JUPITER-BN, FLA.	9010	7 05	9 14 39.97	21 50 00	17 45				434013
10023	JUPITER-BN, FLA.	9010	7 05	9 15 08.98	22 52 12	24 14				434013
30004	PERTH, AUSTR.	0601	7 05	10 24 45.5			180 00	81 20		641303
50001	LAREDO-RADAR, TEXAS	4012	7 05	11 05 05			344 54	79 00	869	895307
50002	LAREDO-RADAR, TEXAS	4012	7 05	11 05 12.5			344 54	79 00	874	895307
10043	SHIRAZ-BN, IRAN	9008	7 05	23 37 02.13	22 54 48	-16 55				434013
10024	WOOMERA-BN, AUSTR.	9003	7 06	9 52 08.26	13 11 12	-44 40				434023
10025	WOOMERA-BN, AUSTR.	9003	7 06	9 53 13.61	15 49 24	-38 31				434023
10026	WOOMERA-BN, AUSTR.	9003	7 07	9 14 45.91	13 26 06	-44 55				434023
10027	WOOMERA-BN, AUSTR.	9003	7 07	9 16 35.31	16 41 42	-30 27				434023
30005	VAN NUYS, CAL.	0113	7 07	11 40 07.5			178 48	50 00		845303
10028	SAN FERNANDO-BN, SP.	9004	7 08	3 51 43.40	22 56 30	-17 46				434013
10029	SAN FERNANDO-BN, SP.	9004	7 08	3 52 06.50	23 34 18	-14 53				434013
10030	JUPITER-BN, FLA.	9010	7 08	9 16 35.57	20 16 42	54 48				434013
10031	JUPITER-BN, FLA.	9010	7 08	9 17 23.49	23 11 18	64 29				434013
30007	PERTH, AUSTR.	0601	7 08	10 26 28.9			180 00	84 00		641303
10032	WOOMERA-BN, AUSTR.	9003	7 08	10 30 19.75	11 46 24	-19 57				434013
10033	WOOMERA-BN, AUSTR.	9003	7 08	10 30 55.78	12 37 24	-18 20				434013
10046	VILLA DOLORES-BN,ARG	9011	7 08	23 04 44.47	13 29 18	-27 01				434023
10047	VILLA DOLORES-BN,ARG	9011	7 08	23 05 12.19	14 18 18	-24 15				434023
10040	SAN FERNANDO-BN, SP.	9004	7 09	3 14 57.30	23 46 00	-19 17				434013
10041	SAN FERNANDO-BN, SP.	9004	7 09	3 15 05.90	23 58 54	-17 59				434013
10044	JUPITER-BN, FLA.	9010	7 09	8 39 15.35	20 21 48	56 38				434013
10045	JUPITER-BN, FLA.	9010	7 09	8 39 46.50	22 40 48	63 20				434013
10038	WOOMERA-BN, AUSTR.	9003	7 09	9 52 19.70	11 13 12	-25 56				434023
10042	WOOMERA-BN, AUSTR.	9003	7 09	9 55 42.57	16 20 06	- 6 45				434013
10034	OLIFANTSFNNTN-BN,S.AF	9002	7 09	17 06 03.65	13 37 18	-51 37				434023
10035	OLIFANTSFNNTN-BN,S.AF	9002	7 09	17 06 56.97	15 33 54	-44 49				434023
10039	WOOMERA-BN, AUSTR.	9003	7 10	9 16 20.78	13 42 00	-26 46				434023
10036	OLIFANTSFNNTN-BN,S.AF	9002	7 10	16 28 17.80	13 48 48	-52 58				434023
10037	OLIFANTSFNNTN-BN,S.AF	9002	7 10	16 28 46.80	14 38 06	-50 02				434023
10048	AREQUIPA-BN, PERU	9007	7 10	23 44 07.62	17 25 06	-63 25				434023
10049	SHIRAZ-BN, IRAN	9008	7 11	0 18 12.00	21 31 06	60 56				434013
10055	VILLA DOLORES-BN,ARG	9011	7 11	23 01 58.57	9 44 36	-15 21				434013
10056	VILLA DOLORES-BN,ARG	9011	7 11	23 08 29.14	16 04 42	15 26				434013
10053	SAN FERNANDO-BN, SP.	9004	7 12	3 16 17.10	23 52 36	- 5 58				434013
10054	SAN FERNANDO-BN, SP.	9004	7 12	3 16 31.60	0 23 24	- 4 30				434013
10050	JUPITER-BN, FLA.	9010	7 12	8 41 17.87	23 40 00	81 25				434013
10051	ORGAN PASS-BN, N.M.	9001	7 12	10 28 46.70	20 24 54	34 22				434013
10052	ORGAN PASS-BN, N.M.	9001	7 12	10 31 28.10	3 09 42	22 27				434013
10057	OLIFANTSFNNTN-BN,S.AF	9002	7 12	17 08 10.50	14 30 18	- 6 03				434013
10058	WOOMERA-BN, AUSTR.	9003	7 13	9 16 50.88	12 48 36	- 2 57				434013
30006	FT. WORTH, TEX.	0139	7 13	9 53 47	22 45 00	40 30				845012
30008	VAN NUYS, CAL.	0113	7 13	11 44 11			177	80 15 00		845302
10061	AREQUIPA-BN, PERU	9007	7 13	23 44 37.85	14 28 24	-41 47				434023
10060	SAN FERNANDO-BN, SP.	9004	7 14	3 53 57.80	21 58 24	- 0 50				434013
10062	JUPITER-BN, FLA.	9010	7 14	9 20 14.11	1 20 00	75 08				434013
10059	WOOMERA-BN, AUSTR.	9003	7 14	10 32 55.00	12 22 06	25 20				434013
10063	OLIFANTSFNNTN-BN,S.AF	9002	7 14	17 46 36.53	13 20 54	29 12				434013
10065	SAN FERNANDO-BN, SP.	9004	7 15	3 17 13.00	0 03 00	- 3 17				434013
10064	JUPITER-BN, FLA.	9010	7 15	8 42 44.06	3 04 12	73 14				434013
30009	ALBUQUERQUE, N.M.	8579	7 15	10 30 22.0			180 00	61 30		845303
10067	OLIFANTSFNNTN-BN,S.AF	9002	7 15	17 08 28.66	13 10 06	22 04				434013
10069	WOOMERA-BN, AUSTR.	9003	7 16	9 17 07.55	12 19 06	18 08				434013
10068	OLIFANTSFNNTN-BN,S.AF	9002	7 16	16 29 44.77	12 37 30	10 43				434013
10071	AREQUIPA-BN, PERU	9007	7 16	23 46 08.65	14 11 54	16 55				434013
10070	SAN FERNANDO-BN, SP.	9004	7 17	3 54 36.70	22 00 36	-15 25				434013
10066	ORGAN PASS-BN, N.M.	9001	7 17	11 08 26.30	22 18 06	- 0 31				434013
10072	JUPITER-BN, FLA.	9010	7 18	8 43 08.92	1 07 00	62 14				434013
10073	OLIFANTSFNNTN-BN,S.AF	9002	7 18	17 09 12.30	13 16 42	44 42				434013
10074	JUPITER-BN, FLA.	9010	7 20	9 21 07.58	22 45 42	- 8 32				434013
10075	ORGAN PASS-BN, N.M.	9001	7 20	11 08 57.90	22 34 42	-34 06				434023
30010	PUEBLA, MEX.	0900	7 22	2 17 01.8	16 06 06	- 8 06				845043
30011	PUEBLA, MEX.	0900	7 22	2 17 33.1	16 49 24	- 2 38				845043
10077	MAINI TAL-BN, INDIA	9006	7 22	14 55 31.40	16 38 48	-25 35				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10078	JUPITER-BN, FLA.	9010	7 23	1 44 59.92	18 07 12	2 05				434013
30012	SACRAMENTO, CAL.	8517	7 24	4 46 35.3	18 35 48	-23 20				641043
10079	SHIRAZ-BN, IRAN	9008	7 24	17 22 28.74	18 19 24	24 57				434013
10076	SAN FERNANDO-BN, SP.	9004	7 24	20 57 07.50	17 16 18	-19 15				434013
30013	N. CANTON, OHIO	8565	7 25	2 22 25.3	17 27 30	-25 36				845043
30014	STATE COLLEGE, PA.	0060	7 25	2 22 27.4			191 36	23 54		845302
10080	SHIRAZ-BN, IRAN	9008	7 25	16 43 46.70	17 08 18	15 39				434013
30029	STATE COLLEGE, PA.	0060	7 26	1 45 00.4			172 54	26 54		845302
50003	LAREDO-RADAR, TEX.	4012	7 26	3 33 42.8			348 54	61 00	848	895307
30033	WICHITA, KAN.	0028	7 26	3 34 32.4	17 19 36	-10 29				845043
30030	DALLAS, TEX.	0129	7 26	3 34 40.98	17 24 42	19 48				845043
30017	SACRAMENTO, CAL.	8517	7 26	5 23 10.4			180 00	39 14		641303
30016	SAN JOSE, CAL.	8573	7 26	5 23 12.1			180	45 34 12		845302
30018	SACRAMENTO, CAL.	8517	7 26	5 23 23.8	17 49 30	-11 40				641013
30019	SACRAMENTO, CAL.	8517	7 26	5 23 43.0	18 22 12	-11 00				641013
10082	MAINTI TAL-BN, INDIA	9006	7 26	16 11 29.28	16 28 00	57 00				434013
10081	SAN FERNANDO-BN, SP.	9004	7 26	21 34 53.60	17 51 54	1 30				434013
50004	LAREDO-RADAR, TEX.	4012	7 27	2 55 18.7			347 36	70 12	946	895307
30031	ST. LOUIS, MO.	0140	7 27	2 58 00.7	17 34 40	- 9 27				845032
30032	TERRE HAUTE, IND.	8127	7 27	3 57 50.9			179 00	36 42		845303
30020	SACRAMENTO, CAL.	8517	7 27	4 44 38.5	80 00	40 14				641014
30021	SACRAMENTO, CAL.	8517	7 27	4 44 44.7	16 54 36	-12 20				641013
10083	SAN FERNANDO-BN, SP.	9004	7 27	20 56 14.10	17 02 12	1 19				434013
10084	SAN FERNANDO-BN, SP.	9004	7 27	20 56 20.10	17 11 36	1 38				434013
30034	N. CANTON, OHIO	8559	7 28	2 21 50.5	17 43 20	-13 40				845033
30022	STATE COLLEGE, PA.	0060	7 28	2 22 15.1			183 30	36 36		845302
30015	ROCHESTER, N.Y.	8564	7 28	2 22 29.2	17 33 30	-19 03				845034
30046	VAN NUYS, CAL.	0113	7 28	4 06 51.0	16 37 16	10 49				845043
10085	ORGAN PASS-BN, N.M.	9001	7 28	4 09 12.40	15 45 54	31 51				434013
10086	ORGAN PASS-BN, N.M.	9001	7 28	4 10 17.70	18 20 12	36 49				434013
10089	MAUI-BN, HAWAII	9012	7 28	7 46 30.54	11 13 00	84 18				434013
10090	MAUI-BN, HAWAII	9012	7 28	7 46 38.54	11 19 00	86 15				434013
10087	ORGAN PASS-BN, N.M.	9001	7 29	3 29 58.50	16 08 12	31 13				434013
30023	ALAMOGORDO, N.M.	0102	7 29	3 31 29			180	87 12		845302
10088	ORGAN PASS-BN, N.M.	9001	7 29	3 31 31.70	17 15 12	33 27				434013
30024	DALLAS, TEX.	0129	7 29	3 33 47.5	17 34 24	36 33				845043
30025	DALLAS, TEX.	0129	7 29	3 33 51.7	17 44 06	36 49				845043
30053	SAN JOSE, CAL.	8573	7 29	5 22 18.1			180	57 00 00		845302
10108	MAUI-BN, HAWAII	9012	7 29	7 07 23.50	12 41 42	75 50				434013
10109	MAUI-BN, HAWAII	9012	7 29	7 08 24.44	18 22 00	85 42				434013
10106	SHIRAZ-BN, IRAN	9008	7 29	17 58 36.89	17 07 30	59 40				434013
10096	SAN FERNANDO-BN, SP.	9004	7 29	21 33 22.90	17 07 36	11 29				434013
10097	SAN FERNANDO-BN, SP.	9004	7 29	21 33 45.60	17 49 00	11 03				434013
30026	DALLAS, TEX.	0129	7 30	2 55 05.7	16 58 06	34 26				845043
50005	ROCHESTER, N.Y.	8564	7 30	2 57 23.6	15 40 30	-13 12				845004
30027	TERRE HAUTE, IND.	8127	7 30	2 57 31.0	17 39 54	- 4 42				845044
30028	SAN JOSE, CAL.	8573	7 30	4 43 39.4			180	59 06 36		845302
30055	HIGASHIMATSUYAMA, JAP	0210	7 30	11 57 29.0	17 34	11 54				845003
10101	TOKYO-BN, JAPAN	9005	7 30	11 57 43.90	17 35 48	15 34				434013
10102	TOKYO-BN, JAPAN	9005	7 30	11 58 46.70	19 15 36	11 55				434013
10105	SHIRAZ-BN, IRAN	9008	7 30	17 19 39.55	15 58 24	55 28				434013
10095	WOOMERA-BN, AUSTR.	9003	7 30	19 40 59.16	3 18 24	33 13				434013
10098	SAN FERNANDO-BN, SP.	9004	7 30	20 55 10.00	17 23 24	13 34				434013
10099	SAN FERNANDO-BN, SP.	9004	7 30	20 55 46.40	18 21 24	12 28				434013
30040	KANSAS CITY, MO.	0036	7 31	2 16 26.2			180	52 48		845303
30041	CINCINNATI, OHIO	0050	7 31	2 19 28.5	17 16 30	0 00				845004
10093	OLIFANTSFNTRN-BN, S.AF	9002	7 31	2 52 11.42	2 56 54	22 36				434013
10094	OLIFANTSFNTRN-BN, S.AF	9002	7 31	2 52 53.06	4 02 54	12 16				434013
30047	VAN NUYS, CAL.	0113	7 31	4 05 38	16 45 50	26 36				845042
10110	AREQUIPA-BN, PERU	9007	7 31	10 04 28.89	22 10 18	-55 34				434023
10103	TOKYO-BN, JAPAN	9005	7 31	11 19 52.20	18 30 12	16 21				434013
10104	TOKYO-BN, JAPAN	9005	7 31	11 20 30.60	19 27 18	13 20				434013
10107	SHIRAZ-BN, IRAN	9008	7 31	16 41 37.04	17 22 54	54 23				434013
10100	SAN FERNANDO-BN, SP.	9004	7 31	22 09 48.40	16 30 24	3 45				434013
30036	N. CANTON, OHIO	8536	8 01	1 41 21.7	16 47 40	- 4 17				641034
30037	N. CANTON, OHIO	8536	8 01	1 41 26.7	16 53 41	- 4 22				641034
30035	ROCHESTER, N.Y.	8564	8 01	1 42 36.2	17 17 42	-11 53				845034
10091	ORGAN PASS-BN, N.M.	9001	8 01	3 29 13.80	15 44 18	37 54				434013
10092	ORGAN PASS-BN, N.M.	9001	8 01	3 30 23.50	17 58 30	37 52				434013
30042	WICHITA, KAN.	0028	8 01	3 32 18.2	17 41 40	2 42				845043
30043	DALLAS, TEX.	0129	8 01	3 32 25.6	17 43 36	31 49				845043
30044	DALLAS, TEX.	0129	8 01	3 32 28.9	17 49 12	31 44				845043
30038	ST. LOUIS, MO.	0140	8 01	3 33 31.8	17 25 42	- 6 03				845032
30039	ST. LOUIS, MO.	0140	8 01	3 33 41.2	17 39 18	- 6 55				845032
30045	SAN JOSE, CAL.	8573	8 01	5 20 54.5			180	53 34 12		845302
30050	VAN NUYS, CAL.	0113	8 01	5 21 29.5	18 08 06	15 40				845043
30054	VAN NUYS, CAL.	0113	8 01	5 21 29.5	18 08 09	15 42				845043
10115	MAUI-BN, HAWAII	9012	8 01	7 06 46.05	16 20 00	83 25				434013
10116	MAUI-BN, HAWAII	9012	8 01	7 07 00.59	18 17 00	83 30				434013
10114	MAINTI TAL-BN, INDIA	9006	8 01	16 08 14.22	15 16 30	44 58				434013
10113	MAINTI TAL-BN, INDIA	9006	8 01	16 09 12.65	17 20 30	48 06				434013
10119	SHIRAZ-BN, IRAN	9008	8 01	17 57 11.08	17 21 48	45 39				434013
10111	SAN FERNANDO-BN, SP.	9004	8 01	21 31 45.20	17 06 24	7 09				434013
10112	SAN FERNANDO-BN, SP.	9004	8 01	21 31 49.20	17 12 12	6 54				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10122	SHIRAZ-BN, IRAN	9008	8 02	17 18 17.78	16 52 30	48 03				434013
10123	SHIRAZ-BN, IRAN	9008	8 02	17 19 47.93	19 53 06	37 15				434013
10117	SAN FERNANDO-BN, SP.	9004	8 02	20 52 17.20	15 53 18	13 45				434013
10118	SAN FERNANDO-BN, SP.	9004	8 02	20 52 35.20	16 16 36	13 12				434013
10120	JUPITER-BN, FLA.	9010	8 03	2 18 57.56	17 35 30	57 10				434013
10121	JUPITER-BN, FLA.	9010	8 03	2 19 46.45	19 31 18	51 05				434013
10126	MAUI-BN, HAWAII	9012	8 03	7 44 16.41	18 27 00	75 10				434013
10127	MAUI-BN, HAWAII	9012	8 03	7 44 27.80	18 14 48	74 12				434013
10124	VILLA DOLORES-BN, ARG	9011	8 03	10 05 50.40	1 27 30	-17 32				434013
10125	VILLA DOLORES-BN, ARG	9011	8 03	10 16 27.00	3 09 18	-23 39				434023
10128	SHIRAZ-BN, IRAN	9008	8 03	16 40 25.67	18 34 12	44 12				434013
10129	SHIRAZ-BN, IRAN	9008	8 03	16 40 54.31	19 18 30	39 55				434013
10130	JUPITER-BN, FLA.	9010	8 04	1 41 02.11	19 48 12	47 12				434013
10131	JUPITER-BN, FLA.	9010	8 04	1 41 21.35	19 19 00	50 36				434013
30051	FT. WORTH, TEX.	0139	8 04	3 30 43.00	17 55 00	12 42				845013
10136	VILLA DOLORES-BN, ARG	9011	8 04	9 27 45.60	2 29 54	-12 17				434013
10137	VILLA DOLORES-BN, ARG	9011	8 04	9 27 46.60	2 32 42	-12 20				434013
10134	SAN FERNANDO-BN, SP.	9004	8 04	21 29 51.50	17 07 54	- 6 45				434013
10135	SAN FERNANDO-BN, SP.	9004	8 04	21 29 57.50	17 14 30	- 7 20				434013
30052	KANSAS CITY, MO.	0036	8 05	2 51 50.2			180	41 54		845302
10132	OLIFANTSFNTN-BN, S.AF	9002	8 05	3 27 29.55	22 40 00	-73 39				434023
10133	OLIFANTSFNTN-BN, S.AF	9002	8 05	3 28 19.88	5 33 00	-76 10				434023
30048	SAN JOSE, CAL.	8573	8 05	4 40 33.8			180	43 16 48		845302
30049	CHINA LAKE, CAL.	0098	8 05	4 41 21.8			180 00	50 07 12		641303
10153	MAUI-BN, HAWAII	9012	8 05	6 26 36.81	18 44 00	71 22				434013
10154	MAUI-BN, HAWAII	9012	8 05	6 27 10.51	19 51 12	66 45				434013
10145	TOKYO-BN, JAPAN	9005	8 05	11 53 08.90	16 22 36	- 5 15				434013
30056	MITAKA, JAPAN	0229	8 05	11 53 47.0			200 36	42 42		845303
10146	TOKYO-BN, JAPAN	9005	8 05	11 54 58.60	17 13 54	-10 26				434013
10147	SHIRAZ-BN, IRAN	9008	8 05	17 16 25.69	17 07 30	24 30				434013
10148	SHIRAZ-BN, IRAN	9008	8 05	17 17 06.16	18 01 48	19 53				434013
10141	SAN FERNANDO-BN, SP.	9004	8 05	20 50 37.70	16 33 24	1 14				434013
10142	SAN FERNANDO-BN, SP.	9004	8 05	20 51 24.40	17 22 36	- 2 41				434013
10151	MAUI-BN, HAWAII	9012	8 06	7 41 30.25	15 59 30	51 45				434013
10152	MAUI-BN, HAWAII	9012	8 06	7 41 53.03	16 39 06	51 43				434013
10149	SHIRAZ-BN, IRAN	9008	8 06	16 37 22.17	16 49 30	30 36				434013
10150	SHIRAZ-BN, IRAN	9008	8 06	16 37 40.22	17 14 24	28 56				434013
10143	SAN FERNANDO-BN, SP.	9004	8 06	22 04 47.40	15 49 12	-15 34				434013
10144	SAN FERNANDO-BN, SP.	9004	8 06	22 05 03.40	16 00 06	-17 08				434013
10139	WOOMERA-BN, AUSTR.	9003	8 07	20 14 28.39	2 44 06	-59 27				434023
10140	WOOMERA-BN, AUSTR.	9003	8 07	20 15 14.49	5 53 30	-46 49				434023
10155	SAN FERNANDO-BN, SP.	9004	8 07	21 26 38.51	16 08 48	-15 25				434013
10156	SAN FERNANDO-BN, SP.	9004	8 07	21 27 10.96	16 33 54	-18 31				434013
10157	CURACAO-BN, N.W.I.	9009	8 08	1 03 55.76	20 39 00	60 40				434013
10138	OLIFANTSFNTN-BN, S.AF	9002	8 08	3 26 12.40	6 36 00	-86 47				434023
10158	MAUI-BN, HAWAII	9012	8 08	6 24 22.66	17 47 48	55 11				434013
10159	MAUI-BN, HAWAII	9012	8 08	6 24 49.00	18 27 42	52 00				434013
10162	TOKYO-BN, JAPAN	9005	8 08	11 50 21.30	15 57 36	-19 55				434013
10163	TOKYO-BN, JAPAN	9005	8 08	11 50 54.70	16 21 00	-20 11				434013
10160	SAN FERNANDO-BN, SP.	9004	8 08	20 48 34.40	16 41 48	-15 25				434013
10161	SAN FERNANDO-BN, SP.	9004	8 08	20 48 58.40	17 00 36	-17 28				434013
10166	JUPITER-BN, FLA.	9010	8 09	2 14 22.61	16 30 54	- 0 38				434013
10167	JUPITER-BN, FLA.	9010	8 09	2 15 37.07	17 46 18	-10 55				434013
10164	VILLA DOLORES-BN, ARG	9011	8 09	10 00 57.84	22 11 00	-28 13				434023
10165	VILLA DOLORES-BN, ARG	9011	8 09	10 02 37.32	3 30 18	-45 05				434023
10168	TOKYO-BN, JAPAN	9005	8 09	11 10 43.50	15 22 24	- 9 13				434013
10169	TOKYO-BN, JAPAN	9005	8 09	11 12 33.70	16 40 30	-18 59				434013
10170	JUPITER-BN, FLA.	9010	8 10	1 36 00.94	17 11 24	1 26				434013
10171	JUPITER-BN, FLA.	9010	8 10	1 36 08.94	17 17 12	0 25				434013
10172	SAN FERNANDO-BN, SP.	9004	8 10	21 23 36.30	15 44 54	-24 44				434023
10173	SAN FERNANDO-BN, SP.	9004	8 10	21 23 40.30	15 47 06	-25 04				434023
10174	CURACAO-BN, N.W.I.	9009	8 11	1 00 52.74	18 00 12	43 51				434013
10175	CURACAO-BN, N.W.I.	9009	8 11	1 01 25.37	18 46 18	38 51				434013
10176	CURACAO-BN, N.W.I.	9009	8 11	1 02 02.69	19 26 00	32 38				434013
10177	OLIFANTSFNTN-BN, S.AF	9002	8 11	3 24 12.14	8 05 00	-82 21				434023
10179	MAUI-BN, HAWAII	9012	8 11	6 22 05.35	17 11 30	22 58				434013
10180	MAUI-BN, HAWAII	9012	8 11	6 22 43.10	17 50 36	17 38				434013
10182	SAN FERNANDO-BN, SP.	9004	8 11	20 43 35.00	16 04 36	-25 46				434023
10181	SAN FERNANDO-BN, SP.	9004	8 11	20 45 22.50	15 05 06	-17 16				434013
10178	CURACAO-BN, N.W.I.	9009	8 12	0 21 53.76	18 26 48	44 16				434013
10183	WOOMERA-BN, AUSTR.	9003	8 13	20 09 50.41	1 57 12	-15 10				434013
10184	WOOMERA-BN, AUSTR.	9003	8 13	20 10 39.16	4 44 18	- 2 32				434013
10185	JUPITER-BN, FLA.	9010	8 16	1 27 58.09	14 53 06	-27 25				434023
10187	MAUI-BN, HAWAII	9012	8 17	6 16 00.80	15 41 00	-33 42				434023
10186	CURACAO-BN, N.W.I.	9009	8 18	0 15 08.58	15 47 00	-22 48				434013
10188	AREQUIPA-BN, PERU	9007	8 20	0 52 29.56	16 19 12	22 31				434013
10191	AREQUIPA-BN, PERU	9007	8 21	23 37 09.35	19 20 18	4 11				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10192	VILLA DOLORES-BN,ARG	9011	8 21	23 40 44.62	19 49 48	23 02				434013
10189	WOOMERA-BN, AUSTR.	9003	8 22	10 27 17.47	18 46 42	24 10				434013
50006	LAREDO-RADAR, TEX.	4012	8 22	14 53 22			152 06	44 36	1084	895307
10193	VILLA DOLORES-BN,ARG	9011	8 22	22 58 23.88	18 13 42	32 35				434013
10194	VILLA DOLORES-BN,ARG	9011	8 22	23 02 39.04	22 18 18	16 13				434013
10195	WOOMERA-BN, AUSTR.	9003	8 24	11 01 07.21	17 25 54	6 23				434013
10196	WOOMERA-BN, AUSTR.	9003	8 24	11 02 11.28	18 14 54	1 42				434013
10190	OLIFANTSFNNTN-BN,S.AF	9002	8 24	18 12 35.98	17 22 48	-14 19				434013
10199	AREQUIPA-BN, PERU	9007	8 24	23 30 41	18 13 48	-23 50				934023
10207	VILLA DOLORES-BN,ARG	9011	8 24	23 30 57.58	16 25 06	23 07				434013
10200	AREQUIPA-BN, PERU	9007	8 24	23 33 46	19 53 48	-31 39				934023
10208	VILLA DOLORES-BN,ARG	9011	8 24	23 36 09.24	20 21 30	0 20				434013
10197	WOOMERA-BN, AUSTR.	9003	8 25	10 20 39.85	17 04 36	10 18				434013
10198	WOOMERA-BN, AUSTR.	9003	8 25	10 25 29.49	20 40 54	- 8 50				434013
10202	OLIFANTSFNNTN-BN,S.AF	9002	8 25	17 32 01.81	16 56 00	- 6 40				434013
10203	OLIFANTSFNNTN-BN,S.AF	9002	8 25	17 34 59.50	19 29 18	-22 06				434013
10205	AREQUIPA-BN, PERU	9007	8 26	0 45 40.99	16 09 30	-52 11				434023
10206	AREQUIPA-BN, PERU	9007	8 26	0 47 30.94	18 24 24	-63 36				434023
10204	WOOMERA-BN, AUSTR.	9003	8 26	9 43 00.36	18 36 12	2 24				434013
10215	AREQUIPA-BN, PERU	9007	8 27	0 06 06.48	16 57 24	-52 42				434023
10216	AREQUIPA-BN, PERU	9007	8 27	0 06 16.11	17 08 24	-53 35				434023
10217	VILLA DOLORES-BN,ARG	9011	8 27	0 07 33.49	16 59 42	- 5 45				434013
10218	VILLA DOLORES-BN,ARG	9011	8 27	0 11 20.03	20 18 18	-19 25				434013
10211	WOOMERA-BN, AUSTR.	9003	8 27	10 57 25.32	18 20 36	-23 42				434023
10212	WOOMERA-BN, AUSTR.	9003	8 27	10 58 12.55	19 10 24	-26 33				434023
10209	OLIFANTSFNNTN-BN,S.AF	9002	8 27	18 07 19.30	16 46 48	-37 28				434023
10210	OLIFANTSFNNTN-BN,S.AF	9002	8 27	18 10 18.40	20 23 06	-48 23				434023
10219	VILLA DOLORES-BN,ARG	9011	8 27	23 30 45.23	19 34 00	-15 27				434013
10220	VILLA DOLORES-BN,ARG	9011	8 27	23 32 22.54	20 47 12	-17 55				434013
10213	WOOMERA-BN, AUSTR.	9003	8 28	10 14 57.97	16 23 48	-10 32				434013
10214	WOOMERA-BN, AUSTR.	9003	8 28	10 17 49.31	18 45 48	-22 23				434013
10221	OLIFANTSFNNTN-BN,S.AF	9002	8 28	17 26 41.28	16 29 54	-32 10				434023
10222	OLIFANTSFNNTN-BN,S.AF	9002	8 28	17 28 36.79	18 23 12	-41 25				434023
10225	VILLA DOLORES-BN,ARG	9011	8 29	0 42 16.77	16 53 06	-26 04				434023
10226	VILLA DOLORES-BN,ARG	9011	8 29	0 44 34.48	19 02 06	-34 22				434023
10223	WOOMERA-BN, AUSTR.	9003	8 29	9 36 11.82	17 27 30	-14 29				434013
10224	WOOMERA-BN, AUSTR.	9003	8 29	9 39 20.88	19 58 30	-22 09				434013
10229	VILLA DOLORES-BN,ARG	9011	8 30	0 00 17.19	15 38 54	-17 08				434013
10230	VILLA DOLORES-BN,ARG	9011	8 30	0 05 58.24	20 42 54	-31 37				434023
10227	WOOMERA-BN, AUSTR.	9003	8 30	10 48 51.50	15 50 42	-25 59				434023
10228	WOOMERA-BN, AUSTR.	9003	8 30	10 53 46.00	20 40 42	-37 47				434023

1958 ALPHA

ADDITIONS TO OBSERVATION LISTINGS PREVIOUSLY PUBLISHED IN SAO
SPECIAL REPORTS FOR THE YEAR 1960.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00911	PRETORIA, S.AFR.	0405	1 04	19 02 42.0			0 24	48 12		845302
00912	PRETORIA, S.AFR.	0405	1 05	18 41 55.2			0 24	48 18		845302
00913	PRETORIA, S.AFR.	0405	2 15	18 26 27.1			0 24	52 18		845302
00915	PRETORIA, S.AFR.	0405	2 16	18 00 20.8			0 24	49 30		845302
00920	WOOMERA-BN, AUSTR.	9003	2 19	19 34 26.62	14 36 30	-42 28				434023
00914	PRETORIA, S.AFR.	0405	3 03	18 44 38.2			179 36	81 30		845302
00916	PRETORIA, S.AFR.	0405	3 04	18 17 07.0			179 36	78 42		845302
00917	PRETORIA, S.AFR.	0405	3 05	17 49 34.5			179 36	75 36		845302
00918	PRETORIA, S.AFR.	0405	3 09	17 56 20.5			0 24	47 42		845302
00919	MAUI-BN, HAWAII	9012	4 27	13 24 58.38	19 38 24	-29 05				434023
00921	SHIRAZ-BN, IRAN	9008	5 04	0 45 42.24	18 42 24	22 02				434013
00926	MAUI-BN, HAWAII	9012	5 04	13 16 46.12	17 31 06	23 41				434013
00924	ORGAN PASS-BN, N.M.	9001	5 11	9 27 23.40	15 31 24	18 15				434013
00925	ORGAN PASS-BN, N.M.	9001	5 11	9 31 46.90	20 05 24	29 12				434013
00927	MAUI-BN, HAWAII	9012	5 11	13 05 17.98	14 41 30	61 37				434013
00907	MITAKA, JAPAN	0229	5 16	17 37 12.9			189 30	70 30		845303
00922	JUPITER-BN, FLA.	9010	5 20	8 12 37.85	18 49 00	28 37				434013
00928	JUPITER-BN, FLA.	9010	5 20	8 16 15.55	21 42 48	3 59				434013
00929	VILLA DOLORES-BN,ARG	9011	5 25	9 56 11.13	23 08 06	29 09				434013

1958 ALPHA

CORRECTIONS TO OBSERVATION LISTINGS PREVIOUSLY PUBLISHED IN SAO
SPECIAL REPORTS FOR THE YEAR 1960.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00270	TOKYO-BN, JAPAN	9005	2 09	9 39 53.20	1 58 12	-17 19				434013
00657	LAREDO-RADAR, TEXAS	4012	4 12	0 22 58.6			120 42	34 00	629	895307
00658	LAREDO-RADAR, TEXAS	4012	4 12	0 23 18			120 42	34 00	750	895307
00655	LAREDO-RADAR, TEXAS	4012	4 12	23 52 03.0			111 18	24 06	759	895307
00656	LAREDO-RADAR, TEXAS	4012	4 12	23 52 24.0			111 18	24 06	489	895307
00777	JUPITER-BN, FLA.	9010	5 13	8 25 22.40	7 15 00	56 47				434013
00813	SHIRAZ-BN, IRAN	9008	5 18	23 45 40.40	18 32 36	22 15				434013
00842	AREQUIPA-BN, PERU	9007	5 28	9 23 03.04	20 25 12	4 00				434013

1958 BETA 1

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00679	CURACAO-BN, N.W.I.	9009	6 02	0 52 36.96	12 36 30	-22 28				434013
00678	OLIFANTSFNTN-BN,S.AF	9002	6 02	3 48 43.00	22 53 00	-21 19				434013
00680	WOOMERA-BN, AUSTR.	9003	6 02	19 53 43.75	21 13 18	-18 46				434013
00681	CURACAO-BN, N.W.I.	9009	6 02	23 51 00.10	11 32 18	15 49				434013
00685	AREQUIPA-BN, PERU	9007	6 03	9 46 36.21	0 28 30	-50 47				434023
00683	WOOMERA-BN, AUSTR.	9003	6 03	18 55 41.00	22 39 54	-23 48				434023
00686	AREQUIPA-BN, PERU	9007	6 04	8 46 07.16	0 33 48	-69 57				434023
00688	VILLA DOLORES-BN,ARG	9011	6 04	8 46 08.73	20 46 36	-17 46				434013
00687	AREQUIPA-BN, PERU	9007	6 05	0 24 49.45	15 06 30	34 27				434013
00682	OLIFANTSFNTN-BN,S.AF	9002	6 05	3 16 38.14	21 38 48	-19 19				434013
00684	WOOMERA-BN, AUSTR.	9003	6 05	19 22 42.47	20 56 18	-9 45				434013
00689	OLIFANTSFNTN-BN,S.AF	9002	6 06	2 17 39.60	22 14 06	-36 26				434023
00749	AREQUIPA-BN, PERU	9007	6 06	9 14 18.26	23 07 06	-60 48				434023
00690	OLIFANTSFNTN-BN,S.AF	9002	6 08	2 44 47.60	20 11 54	-15 06				434013
00691	AREQUIPA-BN, PERU	9007	6 08	9 42 55.90	22 29 00	-33 17				434023
00692	AREQUIPA-BN, PERU	9007	6 09	8 44 01.30	23 42 48	-48 52				434023
00696	AREQUIPA-BN, PERU	9007	6 10	0 21 34.19	13 43 24	8 48				434013
00697	AREQUIPA-BN, PERU	9007	6 10	10 11 12.52	21 36 36	0 37				434013
00693	OLIFANTSFNTN-BN,S.AF	9002	6 10	16 27 00.80	14 05 18	32 55				434013
00694	OLIFANTSFNTN-BN,S.AF	9002	6 11	17 54 44.70	14 05 12	14 49				434013
00698	AREQUIPA-BN, PERU	9007	6 12	0 48 50.02	12 08 24	-12 59				434013
00695	WOOMERA-BN, AUSTR.	9003	6 12	10 02 35.93	14 36 24	23 17				434013
00700	OLIFANTSFNTN-BN,S.AF	9002	6 12	16 54 35.60	14 06 48	20 42				434013
00702	AREQUIPA-BN, PERU	9007	6 12	23 53 01.69	15 20 54	-17 42				434013
00701	WOOMERA-BN, AUSTR.	9003	6 13	9 02 58.22	14 06 42	26 54				434013
00699	AREQUIPA-BN, PERU	9007	6 13	9 40 08.43	21 01 48	12 35				434013
00703	VILLA DOLORES-BN,ARG	9011	6 13	22 55 19.43	14 23 12	22 03				434013
00704	OLIFANTSFNTN-BN,S.AF	9002	6 14	17 24 18.30	14 14 00	1 05				434013
00706	WOOMERA-BN, AUSTR.	9003	6 15	9 32 49.90	15 02 18	10 09				434013
00705	OLIFANTSFNTN-BN,S.AF	9002	6 15	16 23 53.20	13 26 36	13 55				434013
00707	AREQUIPA-BN, PERU	9007	6 15	23 18 00.68	12 14 42	-6 10				434013
00708	AREQUIPA-BN, PERU	9007	6 16	9 08 59.89	20 12 06	22 44				434013
00713	AREQUIPA-BN, PERU	9007	6 17	0 46 56.33	11 47 54	-50 43				434023
00709	WOOMERA-BN, AUSTR.	9003	6 17	9 59 02.64	13 46 42	2 49				434013
00712	OLIFANTSFNTN-BN,S.AF	9002	6 17	16 51 35.87	12 51 12	-1 39				434013
00714	AREQUIPA-BN, PERU	9007	6 17	23 41 01.63	12 05 12	-34 30				434023
00715	VILLA DOLORES-BN,ARG	9011	6 17	23 50 46.16	13 40 24	-2 48				434013
00711	OLIFANTSFNTN-BN,S.AF	9002	6 18	18 19 17.50	12 11 42	-34 24				434023
00716	VILLA DOLORES-BN,ARG	9011	6 18	22 51 07.68	13 21 30	5 12				434013
00710	OLIFANTSFNTN-BN,S.AF	9002	6 19	17 20 11.70	12 46 54	-24 02				434023
00717	AREQUIPA-BN, PERU	9007	6 20	0 15 26.44	11 30 48	-51 58				434023
00718	WOOMERA-BN, AUSTR.	9003	6 21	10 55 22.70	13 36 42	-32 30				434023
00720	OLIFANTSFNTN-BN,S.AF	9002	6 21	17 49 08.10	13 12 54	-46 15				434023
00719	AREQUIPA-BN, PERU	9007	6 22	0 43 53.82	10 59 36	-62 32				434023
00722	WOOMERA-BN, AUSTR.	9003	6 22	9 58 01.47	15 23 48	-27 06				434023
00721	OLIFANTSFNTN-BN,S.AF	9002	6 22	16 48 51.90	12 40 36	-30 53				434023
00724	OLIFANTSFNTN-BN,S.AF	9002	6 23	18 16 49.70	12 24 48	-54 14				434023
00734	AREQUIPA-BN, PERU	9007	6 24	1 11 55.29	10 24 42	-64 58				434023

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00725	CURACAO-BN, N.W.I.	9009	6 24	8 39 57.72	21 56 48	0 09				434013
00729	WOOMERA-BN, AUSTR.	9003	6 24	10 24 04.57	13 30 00	-36 13				434023
00731	OLIFANTSFN-TN-BN,S.AF	9002	6 24	17 17 13.10	13 36 18	-46 02				434023
30004	PRETORIA, S.AFR.	8575	6 24	17 17 22.7			14 00	67 00		845302
00735	AREQUIPA-BN, PERU	9007	6 25	0 12 53.11	11 26 48	-65 51				434023
00732	WOOMERA-BN, AUSTR.	9003	6 25	9 23 17.24	12 28 24	-24 17				434023
00737	JUPITER-BN, FLA.	9010	6 26	9 07 57.59	23 49 06	-25 05				434023
00736	CURACAO-BN, N.W.I.	9009	6 26	9 08 25.37	20 58 24	39 42				434013
00733	WOOMERA-BN, AUSTR.	9003	6 26	10 52 37.77	14 06 06	-45 09				434023
00738	OLIFANTSFN-TN-BN,S.AF	9002	6 26	17 46 13.48	13 26 18	-57 50				434023
00730	CURACAO-BN, N.W.I.	9009	6 27	8 09 12.50	21 29 18	15 27				434013
00740	WOOMERA-BN, AUSTR.	9003	6 27	9 52 20.78	13 09 54	-37 58				434023
00739	OLIFANTSFN-TN-BN,S.AF	9002	6 27	16 47 01.30	13 51 54	-50 59				434023
00743	AREQUIPA-BN, PERU	9007	6 27	23 41 08.36	11 26 36	-65 06				434023
00741	SHIRAZ-BN, IRAN	9008	6 28	0 21 50.72	0 03 42	-17 04				434013
00748	VILLA DOLORES-BN,ARG	9011	6 28	22 46 15.02	14 26 48	-35 35				434023
00746	JUPITER-BN, FLA.	9010	6 29	8 37 02.64	23 32 42	-22 37				434013
00745	WOOMERA-BN, AUSTR.	9003	6 29	10 21 02.43	13 51 18	-44 20				434023
00744	ORGAN PASS-BN, N.M.	9001	6 29	10 57 56.70	23 46 00	-18 08				434013
00747	OLIFANTSFN-TN-BN,S.AF	9002	6 29	17 13 22.85	12 07 30	-52 40				434023
00750	VILLA DOLORES-BN,ARG	9011	6 30	0 13 01.99	14 07 00	-42 15				434023
30001	PUEBLA, MEX.	0900	6 30	9 58 54.7	22 00 00	16 10				845043
30002	PUEBLA, MEX.	0900	6 30	9 59 20.3	22 39 30	22 14				845043
10001	SHIRAZ-BN, IRAN	9008	6 30	23 50 04.53	23 00 18	-22 08				434013
10002	JUPITER-BN, FLA.	9010	7 01	9 05 03.01	0 47 30	4 23				434013
30003	VAN NUYS, CAL.	0113	7 06	11 19 50.2			180 36	50 36		845303
10003	AREQUIPA-BN, PERU	9007	7 07	0 37 45.20	13 55 18	-63 08				434023
10005	JUPITER-BN, FLA.	9010	7 07	8 03 39.72	23 06 06	24 18				434013
10004	WOOMERA-BN, AUSTR.	9003	7 07	9 45 18.59	13 28 24	-38 20				434023
10007	VILLA DOLORES-BN,ARG	9011	7 07	23 37 20.04	13 37 18	-31 45				434023
10006	JUPITER-BN, FLA.	9010	7 08	9 30 40.17	22 33 24	63 07				434013
10010	WOOMERA-BN, AUSTR.	9003	7 08	11 14 15.74	14 22 18	-15 13				434013
10012	JUPITER-BN, FLA.	9010	7 09	8 31 37.02	22 26 42	55 49				434013
10011	WOOMERA-BN, AUSTR.	9003	7 09	10 14 00.14	13 56 12	-28 05				434023
10008	OLIFANTSFN-TN-BN,S.AF	9002	7 09	17 08 53.40	14 37 18	-41 39				434023
10014	AREQUIPA-BN, PERU	9007	7 10	0 02 58.00	16 25 54	-57 00				434023
10009	OLIFANTSFN-TN-BN,S.AF	9002	7 10	18 35 54.30	13 46 48	-18 36				434013
10015	SHIRAZ-BN, IRAN	9008	7 10	23 44 57.00	23 15 42	51 39				434013
10013	WOOMERA-BN, AUSTR.	9003	7 11	10 44 12.80	15 07 48	-4 37				434013
10017	OLIFANTSFN-TN-BN,S.AF	9002	7 12	16 35 41.70	13 35 18	-39 37				434023
10018	AREQUIPA-BN, PERU	9007	7 12	23 34 03.48	14 54 00	-51 22				434023
10019	VILLA DOLORES-BN,ARG	9011	7 12	23 35 45.40	14 39 18	-8 56				434013
10016	ORGAN PASS-BN, N.M.	9001	7 13	9 22 52.60	23 49 42	24 08				434013
10020	WOOMERA-BN, AUSTR.	9003	7 13	11 09 57.07	13 40 42	0 59				434013
10023	SHIRAZ-BN, IRAN	9008	7 13	23 14 25.98	23 45 30	57 31				434013
10027	AREQUIPA-BN, PERU	9007	7 14	0 04 26.49	15 51 54	-29 28				434023
10022	AREQUIPA-BN, PERU	9007	7 14	1 04 59.79	15 29 36	-16 47				434013
10024	JUPITER-BN, FLA.	9010	7 14	8 28 43.35	21 04 36	74 12				434013
10021	WOOMERA-BN, AUSTR.	9003	7 14	10 10 51.86	13 59 06	-8 19				434013
10025	OLIFANTSFN-TN-BN,S.AF	9002	7 14	17 05 26.83	14 20 00	-22 07				434013
10026	SAN FERNANDO-BN, SP.	9004	7 15	2 54 41.50	23 01 42	7 37				434013
10037	MAUI-BN, HAWAII	9012	7 15	14 31 32.91	0 11 00	86 34				434013
10029	OLIFANTSFN-TN-BN,S.AF	9002	7 15	18 34 39.35	14 32 24	15 38				434013
10034	SHIRAZ-BN, IRAN	9008	7 15	23 18 03.33	22 11 24	66 30				434013
10033	AREQUIPA-BN, PERU	9007	7 16	1 32 26.05	14 58 36	10 47				434013
10036	JUPITER-BN, FLA.	9010	7 16	8 57 16.52	0 05 48	75 32				434013
10030	OLIFANTSFN-TN-BN,S.AF	9002	7 16	17 33 43.53	14 05 36	-4 11				434013
10032	SAN FERNANDO-BN, SP.	9004	7 17	3 22 35.00	23 07 48	16 45				434013
10028	ORGAN PASS-BN, N.M.	9001	7 17	10 18 15.60	22 34 00	49 40				434013
10031	OLIFANTSFN-TN-BN,S.AF	9002	7 17	19 02 14.40	13 59 12	26 20				434013
10035	SHIRAZ-BN, IRAN	9008	7 18	0 10 22.58	23 35 12	62 40				434013
10038	AREQUIPA-BN, PERU	9007	7 18	2 00 57.77	14 33 54	32 11				434013
30005	WICHITA, KAN.	0028	7 18	9 21 25.4	22 37 15	8 05				845043
10039	JUPITER-BN, FLA.	9010	7 18	9 24 58.44	22 25 12	69 22				434013
10041	OLIFANTSFN-TN-BN,S.AF	9002	7 18	18 02 25.70	14 01 24	15 06				434013
10042	AREQUIPA-BN, PERU	9007	7 19	0 59 41.68	14 08 06	9 17				434013
10040	SAN FERNANDO-BN, SP.	9004	7 19	3 50 24.10	23 01 06	13 31				434013
30026	PRETORIA, S.AFR.	8575	7 19	17 01 07.6			148 36	62 06		845302
10043	TOKYO-BN, JAPAN	9005	7 19	17 39 25.00	22 37 54	21 21				434013
10044	AREQUIPA-BN, PERU	9007	7 20	0 00 28.39	14 38 24	-4 03				434013
30006	ALBUQUERQUE, N.M.	8579	7 20	9 47 28.7			180 00	81 36		845303
10045	OLIFANTSFN-TN-BN,S.AF	9002	7 20	18 31 01.36	13 53 06	29 42				434013
10051	SHIRAZ-BN, IRAN	9008	7 20	23 39 36.14	23 57 18	61 22				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10047	CURACAO-BN, N.W.I.	9009	7 21	1 33 00.09	15 26 12	-19 56				434013
10046	SAN FERNANDO-BN, SP.	9004	7 21	4 18 11.10	22 49 36	0 55				434013
30007	N. CANTON, OHIO	8559	7 21	8 53 58.9	23 08 45	-15 00				845033
10054	JUPITER-BN, FLA.	9010	7 21	8 54 21.85	23 12 00	68 52				434013
10048	OLIFANTSFTN-BN,S.AF	9002	7 21	17 29 31.40	13 25 30	13 56				434013
10050	NAINI TAL-BN, INDIA	9006	7 21	22 46 12.37	22 47 00	39 35				434013
10055	AREQUIPA-BN, PERU	9007	7 22	0 28 58.35	14 13 30	17 23				434013
10053	CURACAO-BN, N.W.I.	9009	7 22	0 36 28.04	17 52 18	-15 56				434013
10049	SAN FERNANDO-BN, SP.	9004	7 22	3 19 26.20	22 25 30	8 50				434013
10056	WOOMERA-BN, AUSTR.	9003	7 22	9 34 02.15	13 04 12	8 36				434013
10058	NAINI TAL-BN, INDIA	9006	7 22	21 47 40.80	23 57 06	57 00				434013
10059	AREQUIPA-BN, PERU	9007	7 22	23 29 01.84	14 55 18	8 27				434013
10060	CURACAO-BN, N.W.I.	9009	7 23	2 02 34.77	15 22 42	18 47				434013
10062	JUPITER-BN, FLA.	9010	7 23	2 02 38.25	18 07 30	-27 39				434023
30010	VAN NUYS, CAL.	0113	7 23	11 40 16.6	23 51 01	-1 01				845043
10057	SAN FERNANDO-BN, SP.	9004	7 24	3 47 29.70	22 44 42	-7 19				434013
30008	N. CANTON, OHIO	0053	7 24	8 23 07.7	22 50 00	-19 28				845043
10063	SHIRAZ-BN, IRAN	9008	7 24	17 16 59.47	18 42 18	-19 00				434013
10061	CURACAO-BN, N.W.I.	9009	7 25	0 05 09.31	17 21 24	-5 58				434013
10064	SHIRAZ-BN, IRAN	9008	7 25	0 36 08.24	0 00 30	2 40				434013
30009	WICHITA, KAN.	0028	7 25	9 47 01.2	23 29 17	-18 35				845043
10065	MAUI-BN, HAWAII	9012	7 25	14 26 25.87	23 54 30	60 28				434013
10067	SAN FERNANDO-BN, SP.	9004	7 25	20 57 50.80	18 44 30	-24 35				434023
10069	MAUI-BN, HAWAII	9012	7 26	6 06 25.33	17 46 06	-10 37				434013
10066	CURACAO-BN, N.W.I.	9009	7 26	8 56 35.14	3 26 48	53 29				434013
30011	VAN NUYS, CAL.	0113	7 26	11 09 28.5	23 33 07	-10 30				845043
10072	SHIRAZ-BN, IRAN	9008	7 26	17 44 59.67	18 26 36	-1 25				434013
10068	NAINI TAL-BN, INDIA	9006	7 26	22 42 50.94	21 29 12	1 35				434013
10071	MAUI-BN, HAWAII	9012	7 27	7 35 03.60	18 37 18	39 40				434013
10073	SHIRAZ-BN, IRAN	9008	7 27	16 46 14.66	18 35 12	-8 22				434013
10070	SAN FERNANDO-BN, SP.	9004	7 27	21 25 37.70	18 31 54	-15 03				434013
10074	SHIRAZ-BN, IRAN	9008	7 28	0 05 04.69	23 05 06	-6 31				434013
10075	ORGAN PASS-BN, N.M.	9001	7 28	4 21 31.10	18 36 36	-0 18				434013
10078	MAUI-BN, HAWAII	9012	7 28	6 34 41.84	17 29 18	12 55				434013
30012	VAN NUYS, CAL.	0113	7 28	11 38 10			180	24 24		845303
10077	CURACAO-BN, N.W.I.	9009	7 29	1 00 54.86	15 24 48	39 40				434013
10076	ORGAN PASS-BN, N.M.	9001	7 29	3 23 03.30	18 53 12	-5 14				434013
10082	MAUI-BN, HAWAII	9012	7 29	8 02 50.74	17 22 48	60 50				434013
10080	SHIRAZ-BN, IRAN	9008	7 29	17 14 23.20	18 36 24	10 50				434013
30027	VAN NUYS, CAL.	0113	7 30	4 45 37.6	17 23 18	-4 52				845043
10081	CURACAO-BN, N.W.I.	9009	7 31	1 30 41.30	15 48 54	65 48				434013
30017	KANSAS CITY, MO.	0036	7 31	3 52 52.7			180	46 42		845303
30018	CINCINNATI, OHIO	0050	7 31	3 54 27	17 42 30	-1 00				845004
30013	TERRE HAUTE, IND.	8127	7 31	3 54 29.6			188	47 47		845303
30014	TERRE HAUTE, IND.	8127	7 31	3 54 48.8	18 40 18	-1 25				845044
10083	SHIRAZ-BN, IRAN	9008	7 31	17 41 07.87	16 57 30	25 02				434013
10079	SAN FERNANDO-BN, SP.	9004	7 31	22 21 51.00	18 50 54	12 32				434013
10085	CURACAO-BN, N.W.I.	9009	8 01	0 28 57.77	14 52 18	-40 30				434023
30019	TERRE HAUTE, IND.	8127	8 01	2 55 02.7	17 44 18	-5 42				845044
30020	TERRE HAUTE, IND.	8127	8 01	2 56 09.0	60 00	45 00				845043
30015	N. CANTON, OHIO	8559	8 01	2 57 09.8	18 28 40	-5 35				845033
30016	ROCHESTER, N.Y.	8564	8 01	2 58 13.8	18 46 08	-9 44				845034
30021	SAN JOSE, CAL.	8573	8 01	5 13 36.4			180	52 28 12		845302
10084	AREQUIPA-BN, PERU	9007	8 01	10 24 30.43	3 20 42	30 38				434013
30022	N. CANTON, OHIO	8559	8 02	1 56 41.9	17 10 45	-10 00				845034
10086	JUPITER-BN, FLA.	9010	8 02	1 57 39.31	17 52 30	36 38				434013
30023	ALBUQUERQUE, N.M.	8579	8 02	4 18 02.7			180 00	68 42		845303
30024	WICHITA, KAN.	0028	8 02	4 20 37.6	18 34 41	10 31				845043
10089	NAINI TAL-BN, INDIA	9006	8 02	15 50 26.06	18 41 48	41 22				434013
10091	SHIRAZ-BN, IRAN	9008	8 02	18 10 22.03	18 21 30	48 06				434013
10087	SAN FERNANDO-BN, SP.	9004	8 02	20 23 09.80	17 52 12	0 47				434013
10088	SAN FERNANDO-BN, SP.	9004	8 02	22 47 54.10	16 39 06	15 51				434013
30025	TERRE HAUTE, IND.	8127	8 03	2 23 36.7	18 20 54	4 37				845002
30054	CINCINNATI, OHIO	0050	8 03	3 24 38	18 51 54	7 18				845004
10090	JUPITER-BN, FLA.	9010	8 03	3 25 39.48	19 11 30	65 14				434013
30028	VAN NUYS, CAL.	0113	8 03	5 42 57.4	18 37 02	29 26				845043
30037	VAN NUYS, CAL.	0113	8 03	5 42 57.4	18 37 04	29 26				845043
30036	VAN NUYS, CAL.	0113	8 03	5 42 58.0	18 37 41	29 42				845043
10097	TOKYO-BN, JAPAN	9005	8 03	12 38 17.60	18 09 30	23 22				434013
10092	SHIRAZ-BN, IRAN	9008	8 03	17 10 21.48	17 18 42	33 35				434013
30029	CHINA LAKE, CAL.	0098	8 04	4 43 39.9			167 59 24	71 00		641303
10093	SHIRAZ-BN, IRAN	9008	8 04	18 38 49.17	19 14 24	56 58				434013
10100	MAUI-BN, HAWAII	9012	8 05	5 58 47.06	15 31 42	40 45				434013
10098	SHIRAZ-BN, IRAN	9008	8 05	17 38 53.55	17 49 00	48 00				434013
10094	WOOMERA-BN, AUSTR.	9003	8 05	20 34 33.34	4 22 18	17 08				434013
10095	SAN FERNANDO-BN, SP.	9004	8 05	22 18 38.70	18 43 36	24 01				434013
30030	TERRE HAUTE, IND.	8127	8 06	2 52 33.3	18 01 21	10 30				845002

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10101	TOKYO-BN, JAPAN	9005	8 06	12 07 22.80	18 22 18	27 12				434013
10099	SHIRAZ-BN, IRAN	9008	8 06	16 39 00.62	17 11 54	37 38				434013
10096	SAN FERNANDO-BN, SP.	9004	8 06	21 18 55.00	17 50 30	22 01				434013
30038	VAN NUYS, CAL.	0113	8 07	4 11 24			173 30	80 15		845303
30032	DALLAS, TEX.	0129	8 07	4 17 48.00	18 53 00	41 39				845043
30031	DALLAS, TEX.	0129	8 07	4 17 48.05	18 53 00	41 42				845043
10102	TOKYO-BN, JAPAN	9005	8 07	11 07 20.10	17 22 12	22 38				434013
10103	SAN FERNANDO-BN, SP.	9004	8 07	22 45 53.70	17 59 00	22 20				434013
30033	TERRE HAUTE, IND.	8127	8 08	3 20 37.2	18 36 58	13 37				845004
30040	VAN NUYS, CAL.	0113	8 08	5 39 58.4	18 53 57	34 49				845043
30039	VAN NUYS, CAL.	0113	8 08	5 39 59.0	18 54 50	34 39				845043
30034	CHINA LAKE, CAL.	0098	8 08	5 40 10.8			180 00 00	82 28 12		641303
30041	VAN NUYS, CAL.	0113	8 08	5 41 12.4	20 40	31				845043
30055	CINCINNATI, OHIO	0050	8 09	2 21 40	18 01 24	16 12				845004
10104	JUPITER-BN, FLA.	9010	8 09	2 22 55.86	18 22 18	59 56				434013
30035	SAN JOSE, CAL.	8573	8 09	4 39 06.0			180	74 13 12		845302
30043	VAN NUYS, CAL.	0113	8 09	4 40 04.6	17 54 16	33 36				845043
30042	VAN NUYS, CAL.	0113	8 09	4 40 05.3	17 54 48	33 37				845043
30044	VAN NUYS, CAL.	0113	8 09	4 41 02.7	18 59 04	33 43				845043
30073	HIGASHIMATSUYAMA, JAP	0210	8 09	11 35 41.5	17 58	27 12				845003
30072	MITAKA, JAPAN	0229	8 09	11 35 54.9			177 12	83 30		845303
10106	TOKYO-BN, JAPAN	9005	8 09	20 35 17.70	17 26 12	28 36				434013
10105	SAN FERNANDO-BN, SP.	9004	8 09	20 47 28.70	17 40 30	25 20				434013
10108	JUPITER-BN, FLA.	9010	8 10	1 23 11.61	17 52 12	53 11				434013
10107	AREQUIPA-BN, PERU	9007	8 10	8 52 40.82	3 26 00	0 50				434013
10109	NAINI TAL-BN, INDIA	9006	8 10	15 14 21.91	16 43 18	48 21				434013
10110	SAN FERNANDO-BN, SP.	9004	8 10	22 15 27.20	18 47 48	21 15				434013
30045	FT. WORTH, TEX.	0139	8 11	2 46 11.2	17 32 18	39 06				845013
30046	TERRE HAUTE, IND.	8127	8 11	2 49 08.4	18 18 15	16 13				845044
30047	N. CANTON, OHIO	8572	8 11	2 50 52	18 43	9 12				845033
30048	N. CANTON, OHIO	8544	8 11	2 50 52.1	18 43 10	8 58				845034
30049	N. CANTON, OHIO	8559	8 11	2 51 22.7	19 09 40	7 17				845033
30050	SAN JOSE, CAL.	8573	8 11	5 07 32.6			180	76 06 00		845302
30064	VAN NUYS, CAL.	0113	8 11	5 08 37.5	19 36 28	35 30				845043
30051	CHINA LAKE, CAL.	0098	8 11	5 08 46.8			180 00 00	82 36 36		641303
30065	VAN NUYS, CAL.	0113	8 11	5 09 07	20 15	33				845043
10111	MAUI-BN, HAWAII	9012	8 11	7 27 32.07	21 20 12	68 18				434013
10112	SAN FERNANDO-BN, SP.	9004	8 11	21 16 32.60	18 54 42	25 26				434013
30057	VAN NUYS, CAL.	0113	8 12	4 08 28.4			60	88 48		845303
30058	CHINA LAKE, CAL.	0098	8 12	4 08 40.2			180 00 00	84 27 00		641303
30052	ALBUQUERQUE, N.M.	8579	8 12	4 12 00.1			180 00	85 00		845303
10113	VILLA DOLORES-BN, ARG	9011	8 12	9 23 01.33	2 53 42	12 13				434013
10114	SAN FERNANDO-BN, SP.	9004	8 12	22 42 43.80	18 11 36	12 32				434013
30053	LAWTON, OKLA.	0110	8 13	3 15 36			99 00	72 00		845303
30056	CINCINNATI, OHIO	0050	8 13	3 17 56	18 42 24	9 36				845004
30061	SACRAMENTO, CAL.	8517	8 13	5 36 59.9	19 43 36	8 17				641013
30059	CHINA LAKE, CAL.	0098	8 13	5 37 13.4			180 00 00	72 51 36		641303
10121	MAUI-BN, HAWAII	9012	8 13	7 56 05.18	21 52 00	63 24				434013
10119	VILLA DOLORES-BN, ARG	9011	8 13	8 25 22.62	3 59 12	23 03				434013
10116	SAN FERNANDO-BN, SP.	9004	8 13	21 44 18.60	18 48 12	19 55				434013
10118	JUPITER-BN, FLA.	9010	8 14	2 20 38.50	19 47 18	52 44				434013
10115	OLIFANTSFNTH-BN, S.AF	9002	8 14	2 53 01.60	2 09 18	-13 07				434013
10117	AREQUIPA-BN, PERU	9007	8 14	9 47 26.43	22 50 24	-46 58				434023
10120	VILLA DOLORES-BN, ARG	9011	8 14	9 48 39.12	0 06 54	7 12				434013
10122	SAN FERNANDO-BN, SP.	9004	8 14	20 44 37.70	18 18 42	26 17				434013
30060	FT. WORTH, TEX.	0139	8 15	3 43 06.8	18 46 30	31 42				845043
30068	MADISON, WIS.	0148	8 15	3 44 04.35	18 18 48	-2 45				845042
10123	VILLA DOLORES-BN, ARG	9011	8 15	8 52 29.31	3 07 18	5 51				434013
10124	WOOMERA-BN, AUSTR.	9003	8 15	20 27 30.37	2 32 06	-25 22				434023
30062	CHINA LAKE, CAL.	0098	8 16	5 05 45.4			180 00 00	71 31 48		641303
10125	MAUI-BN, HAWAII	9012	8 16	7 24 35.23	20 52 30	59 17				434013
10127	TOKYO-BN, JAPAN	9005	8 16	12 01 37.50	19 10 48	13 19				434013
10126	SAN FERNANDO-BN, SP.	9004	8 16	21 13 10.70	18 51 30	17 32				434013
10128	JUPITER-BN, FLA.	9010	8 17	1 49 32.95	19 38 18	48 30				434013
30063	CHINA LAKE, CAL.	0098	8 17	4 05 19.1			180 00 00	81 31 12		641303
30069	MADISON, WIS.	0148	8 17	4 10 08.1	17 24 00	-4 51				845042
30070	MADISON, WIS.	0148	8 17	4 10 57.2	17 50 48	-7 45				845042
10129	MAUI-BN, HAWAII	9012	8 17	6 23 37.93	19 08 48	63 13				434013
10130	TOKYO-BN, JAPAN	9005	8 17	11 01 20.60	18 20 36	24 50				434013
30071	MADISON, WIS.	0148	8 18	3 11 26.65	17 28 36	1 36				845042
10134	MAUI-BN, HAWAII	9012	8 18	7 51 21.06	18 44 12	55 47				434013
10131	VILLA DOLORES-BN, ARG	9011	8 18	8 22 19.70	3 55 54	-4 16				434013
10133	NAINI TAL-BN, INDIA	9006	8 18	14 42 54.31	20 01 48	35 07				434013
10132	SAN FERNANDO-BN, SP.	9004	8 18	21 39 44.20	17 49 30	10 59				434013
30066	CINCINNATI, OHIO	8555	8 19	2 14 27.5	17 58 00	11 02				845003
10143	JUPITER-BN, FLA.	9010	8 19	2 17 27.32	19 26 48	36 34				434013
10144	VILLA DOLORES-BN, ARG	9011	8 19	9 44 55.15	22 44 54	-7 25				434013
10141	AREQUIPA-BN, PERU	9007	8 19	9 46 46.95	0 14 00	-83 25				434023
10139	NAINI TAL-BN, INDIA	9006	8 19	16 09 06.74	18 48 30	20 18				434013
10135	WOOMERA-BN, AUSTR.	9003	8 19	18 58 20.37	3 34 54	-18 01				434013
10137	SAN FERNANDO-BN, SP.	9004	8 19	20 40 34.50	17 54 42	19 21				434013
10142	JUPITER-BN, FLA.	9010	8 20	1 16 09.67	17 59 24	46 44				434013

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
10146	MAUI-BN, HAWAII	9012	8 20	5 52 03.93	19 01 48	58 16				434013
10145	VILLA DOLORES-BN, ARG	9011	8 20	8 49 38.02	2 50 42	25 16				434013
10140	SHIRAZ-BN, IRAN	9008	8 20	17 30 26.44	19 10 24	19 45				434013
30067	CHINA LAKE, CAL.	0098	8 21	5 03 09.3			180 00 00	51 40 48		641303
10147	MAUI-BN, HAWAII	9012	8 21	7 21 27.74	20 05 12	41 54				434013
10148	SHIRAZ-BN, IRAN	9008	8 21	10 29 04.89	17 57 48	35 06				434013
10136	WOOMERA-BN, AUSTR.	9003	8 21	19 25 50.47	2 30 54	-40 15				434023
10138	SAN FERNANDO-BN, SP.	9004	8 21	21 08 28.30	17 53 54	8 07				434013
10149	CURACAO-BN, N.W.I.	9009	8 22	1 44 39.36	1 44 00	57 06				434013
10150	VILLA DOLORES-BN, ARG	9011	8 22	9 15 31.26	23 12 00	-22 12				434013
10151	VILLA DOLORES-BN, ARG	9011	8 22	9 19 09.70	5 43 42	-39 48				434023
10155	MAUI-BN, HAWAII	9012	8 23	7 49 09.84	19 06 48	25 00				434013
10154	NAINI TAL-BN, INDIA	9006	8 23	14 36 33.28	17 45 42	30 52				434013
10156	SHIRAZ-BN, IRAN	9008	8 23	16 57 42.84	18 09 12	20 16				434013
10153	SAN FERNANDO-BN, SP.	9004	8 23	21 36 40.40	17 57 00	- 5 46				434013
10152	OLIFANTSFNTN-BN, S.AF	9002	8 24	2 48 24.50	4 02 00	-74 55				434023
10158	MAUI-BN, HAWAII	9012	8 24	6 49 59.32	19 41 00	34 14				434013
10160	SHIRAZ-BN, IRAN	9008	8 24	15 58 33.39	18 32 18	26 55				434013
10161	SHIRAZ-BN, IRAN	9008	8 24	16 24 33.22	17 30 30	- 5 26				434013
10157	SAN FERNANDO-BN, SP.	9004	8 24	20 35 40.10	17 13 48	9 09				434013
10159	VILLA DOLORES-BN, ARG	9011	8 25	8 47 21.63	3 21 54	-46 51				434023
10162	SHIRAZ-BN, IRAN	9008	8 25	17 26 00.97	18 03 24	2 26				434013
10171	MAUI-BN, HAWAII	9012	8 26	7 18 47.67	19 33 30	10 43				434013
10168	SHIRAZ-BN, IRAN	9008	8 26	16 25 49.11	17 54 18	16 24				434013
10164	WOOMERA-BN, AUSTR.	9003	8 26	19 22 57.19	2 18 12	-56 52				434023
10166	SAN FERNANDO-BN, SP.	9004	8 26	21 04 12.40	17 25 54	- 4 13				434013
10163	OLIFANTSFNTN-BN, S.AF	9002	8 27	2 17 49.10	5 56 00	-75 01				434023
10170	VILLA DOLORES-BN, ARG	9011	8 27	9 13 13.04	23 24 24	-38 11				434023
10167	SAN FERNANDO-BN, SP.	9004	8 27	20 03 46.10	17 07 30	7 16				434013
10169	JUPITER-BN, FLA.	9010	8 28	0 41 56.73	18 20 06	21 45				434013
10173	SHIRAZ-BN, IRAN	9008	8 28	16 54 41.50	18 01 54	2 46				434013
10165	WOOMERA-BN, AUSTR.	9003	8 28	19 50 58.82	2 35 06	-54 05				434023
10172	OLIFANTSFNTN-BN, S.AF	9002	8 29	2 44 53.86	0 21 48	-77 48				434023
10175	JUPITER-BN, FLA.	9010	8 30	1 11 28.74	18 39 48	1 59				434013
10174	CURACAO-BN, N.W.I.	9009	8 30	1 16 44.06	19 35 18	10 51				434013
10176	SHIRAZ-BN, IRAN	9008	8 30	17 25 29.95	19 09 06	-25 28				434023
10177	CURACAO-BN, N.W.I.	9009	8 31	0 15 38.43	19 10 36	29 31				434013
10179	OLIFANTSFNTN-BN, S.AF	9002	8 31	3 12 39.40	0 03 18	-66 55				434023
10178	WOOMERA-BN, AUSTR.	9003	8 31	19 20 19.23	3 07 00	-53 06				434023

1958 BETA 1

ADDITIONS TO OBSERVATION LISTINGS PREVIOUSLY PUBLISHED IN SAO
SPECIAL REPORTS FOR THE YEAR 1960.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00723	SAN FERNANDO-BN, SP.	9004	4 16	3 26 21.50	16 58 12	22 19				434013
00727	MAUI-BN, HAWAII	9012	5 04	7 05 24.97	8 42 30	76 53				434013
00742	SHIRAZ-BN, IRAN	9008	5 10	17 41 35.20	12 57 30	57 50				434013
00726	JUPITER-BN, FLA.	9010	5 11	2 56 23.24	12 37 48	66 52				434013
00728	WOOMERA-BN, AUSTR.	9003	5 11	19 37 10.22	20 40 00	- 3 25				434013

1958 BETA 1

CORRECTIONS TO OBSERVATION LISTINGS PREVIOUSLY PUBLISHED IN SAO
SPECIAL REPORTS FOR THE YEAR 1960.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00138	TOKYO-BN, JAPAN	9005	2 06	10 14 17.80	5 21 00	19 42				434013
00474	SHIRAZ-BN, IRAN	9008	4 24	23 40 49.86	16 55 00	14 43				434013
00472	TOKYO-BN, JAPAN	9005	4 25	18 07 58.70	15 54 12	-13 45				434013
00508	SAN FERNANDO-BN, SP.	9004	5 02	20 28 00.50	11 25 12	- 1 48				434013
00515	TOKYO-BN, JAPAN	9005	5 05	10 45 43.70	12 17 42	15 11				434013
00624	SAN FERNANDO-BN, SP.	9004	5 19	20 46 57.30	11 23 12	5 30				434013
00676	WHITTIER-D, CAL.	8566	5 24	4 38 43.6			180	31 30 00		845303
00666	OLIFANTSFNTN-BN, S.AF	9002	5 28	3 51 03.20	22 39 36	-38 55				434023

1958 BETA 2

CORRECTIONS TO OBSERVATION LISTINGS PREVIOUSLY PUBLISHED IN SAO
SPECIAL REPORTS FOR THE YEAR 1959.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00393	TOKYO-BN, JAPAN	9005	12 11	20 26 48.70	10 36 00	5 48				434013

1958 DELTA 2

ADDITIONS TO OBSERVATION LISTINGS PREVIOUSLY PUBLISHED IN SAO
SPECIAL REPORTS FOR THE YEAR 1959.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
17613	CHINA LAKE-C, CAL	5073	7 15	8 26 58.01			45 25 10	15 02 12		229304
17614	CHINA LAKE-C, CAL	5073	7 15	8 26 59.01			45 21 37	14 57 30		229304
17615	CHINA LAKE-C, CAL	5073	7 15	8 27 00.01			45 16 58	14 51 30		229304
17616	CHINA LAKE-C, CAL	5073	7 15	8 27 01.01			45 14 02	14 47 32		229304
17617	CHINA LAKE-C, CAL	5073	7 15	8 27 02.01			45 11 01	14 47 48		229304
17618	CHINA LAKE-C, CAL	5073	7 15	8 27 03.01			45 07 34	14 40 02		229304
17619	CHINA LAKE-C, CAL	5073	7 15	8 27 04.01			45 03 58	14 35 22		229304
17620	CHINA LAKE-C, CAL	5073	7 15	8 27 05.01			45 00 08	14 32 36		229304
17621	CHINA LAKE-C, CAL	5073	7 15	8 27 06.01			44 57 02	14 27 00		229304
17622	CHINA LAKE-C, CAL	5073	7 15	8 27 07.01			44 53 23	14 23 00		229304
17623	CHINA LAKE-C, CAL	5073	7 15	8 27 08.01			44 50 12	14 18 37		229304
17624	CHINA LAKE-C, CAL	5073	7 15	8 27 09.01			44 46 32	14 14 43		229304
17625	CHINA LAKE-C, CAL	5073	7 15	8 27 10.01			44 42 43	14 10 25		229304
17626	CHINA LAKE-C, CAL	5073	7 15	8 27 11.01			44 39 49	14 06 00		229304
17627	CHINA LAKE-C, CAL	5073	7 15	8 27 12.01			44 36 11	14 01 35		229304
17628	CHINA LAKE-C, CAL	5073	7 15	8 27 13.01			44 32 55	13 58 12		229304
17629	CHINA LAKE-C, CAL	5073	7 15	8 27 14.01			44 29 25	13 53 28		229304
17630	CHINA LAKE-C, CAL	5073	7 15	8 27 15.01			44 26 15	13 48 52		229304
17631	CHINA LAKE-C, CAL	5073	7 15	8 27 16.01			44 23 19	13 44 13		229304
17632	CHINA LAKE-C, CAL	5073	7 15	8 27 17.01			44 19 18	13 40 43		229304
17633	CHINA LAKE-C, CAL	5073	7 15	8 27 19.01			44 15 48	13 35 04		229304
17634	CHINA LAKE-C, CAL	5073	7 15	8 27 20.01			44 09 38	13 25 11		229304
17635	CHINA LAKE-C, CAL	5073	7 15	8 27 21.01			44 06 38	13 24 02		229304
17636	CHINA LAKE-C, CAL	5073	7 15	8 27 22.01			44 04 32	13 17 40		229304
17637	CHINA LAKE-C, CAL	5073	7 15	8 27 23.01			44 01 08	13 14 57		229304
17638	CHINA LAKE-C, CAL	5073	7 15	8 27 24.01			43 57 18	13 10 49		229304
17639	CHINA LAKE-C, CAL	5073	7 15	8 27 25.01			43 53 54	13 07 08		229304
17640	CHINA LAKE-C, CAL	5073	7 15	8 27 26.01			43 50 41	13 01 48		229304
17641	CHINA LAKE-C, CAL	5073	7 15	8 27 27.01			43 47 40	12 58 44		229304
18251	CHINA LAKE-C, CAL	5073	7 16	8 59 59.01			334 18 53	76 53 25		229304
18252	CHINA LAKE-C, CAL	5073	7 16	9 00 00.01			336 17 28	76 55 20		229304
18253	CHINA LAKE-C, CAL	5073	7 16	9 00 01.01			336 18 12	76 38 21		229304
18254	CHINA LAKE-C, CAL	5073	7 16	9 00 02.01			338 39 17	76 25 18		229304
18255	CHINA LAKE-C, CAL	5073	7 16	9 00 03.01			339 55 15	76 15 13		229304
18256	CHINA LAKE-C, CAL	5073	7 16	9 00 04.01			341 12 04	76 02 24		229304
18257	CHINA LAKE-C, CAL	5073	7 16	9 00 05.01			341 19 01	75 50 36		229304
18258	CHINA LAKE-C, CAL	5073	7 16	9 00 06.01			342 47 52	75 29 23		229304
18259	CHINA LAKE-C, CAL	5073	7 16	9 00 07.01			343 37 31	75 22 51		229304
18260	CHINA LAKE-C, CAL	5073	7 16	9 00 08.01			344 41 21	75 05 34		229304
18261	CHINA LAKE-C, CAL	5073	7 16	9 00 09.01			345 51 40	74 53 56		229304
18262	CHINA LAKE-C, CAL	5073	7 16	9 00 10.01			346 41 03	74 33 28		229304
18263	CHINA LAKE-C, CAL	5073	7 16	9 00 11.01			347 23 28	74 21 28		229304
18264	CHINA LAKE-C, CAL	5073	7 16	9 00 12.01			348 18 54	74 05 18		229304
18265	CHINA LAKE-C, CAL	5073	7 16	9 00 13.01			349 11 41	73 52 09		229304
18266	CHINA LAKE-C, CAL	5073	7 16	9 00 14.01			349 59 08	73 36 45		229304
18267	CHINA LAKE-C, CAL	5073	7 16	9 00 15.01			350 42 36	73 18 37		229304
18268	CHINA LAKE-C, CAL	5073	7 16	9 00 16.01			351 21 44	73 04 38		229304
18269	CHINA LAKE-C, CAL	5073	7 16	9 00 17.01			352 08 39	72 51 06		229304
18270	CHINA LAKE-C, CAL	5073	7 16	9 00 18.01			352 50 27	72 32 21		229304
18271	CHINA LAKE-C, CAL	5073	7 16	9 00 19.01			353 33 54	72 18 09		229304
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18273	CHINA LAKE-C, CAL	5073	7 16	9 00 21.01			354 53 24	71 46 40		229304
18274	CHINA LAKE-C, CAL	5073	7 16	9 00 22.01			355 20 26	71 30 03		229304
18275	CHINA LAKE-C, CAL	5073	7 16	9 00 23.01			356 00 16	71 12 24		229304
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18277	CHINA LAKE-C, CAL	5073	7 16	9 00 25.01			357 11 34	70 41 36		229304
18278	CHINA LAKE-C, CAL	5073	7 16	9 00 26.01			357 43 53	70 24 41		229304
18279	CHINA LAKE-C, CAL	5073	7 16	9 00 27.01			358 11 57	70 06 40		229304
18280	CHINA LAKE-C, CAL	5073	7 16	9 00 28.01			359 41 36	69 54 16		229304
18281	CHINA LAKE-C, CAL	5073	7 16	9 00 29.01			359 12 52	69 34 05		229304
18282	CHINA LAKE-C, CAL	5073	7 16	9 00 30.01			359 43 34	69 19 24		229304
18283	CHINA LAKE-C, CAL	5073	7 16	9 00 31.01			0 07 29	69 00 28		229304
18284	CHINA LAKE-C, CAL	5073	7 16	9 00 32.01			0 39 12	68 47 14		229304
18285	CHINA LAKE-C, CAL	5073	7 16	9 00 33.01			1 03 25	68 30 56		229304
18286	CHINA LAKE-C, CAL	5073	7 16	9 00 34.01			1 30 31	68 14 04		229304
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18288	CHINA LAKE-C, CAL	5073	7 16	9 00 36.01			2 14 08	67 40 21		229304
18289	CHINA LAKE-C, CAL	5073	7 16	9 00 37.01			2 39 20	67 22 53		229304
18290	CHINA LAKE-C, CAL	5073	7 16	9 00 38.01			3 04 03	67 05 45		229304
18291	CHINA LAKE-C, CAL	5073	7 16	9 00 39.01			3 25 50	66 51 02		229304
18292	CHINA LAKE-C, CAL	5073	7 16	9 00 40.01			3 48 24	66 33 16		229304
18293	CHINA LAKE-C, CAL	5073	7 16	9 00 41.01			4 07 10	66 18 40		229304
18294	CHINA LAKE-C, CAL	5073	7 16	9 00 42.01			4 29 39	66 01 10		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
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18297	CHINA LAKE-C, CAL	5073	7 16	9 00 45.01			5 30 07	65 10 56		229304
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18299	CHINA LAKE-C, CAL	5073	7 16	9 00 47.01			6 06 14	64 39 46		229304
18300	CHINA LAKE-C, CAL	5073	7 16	9 00 48.01			6 25 08	64 20 20		229304
18301	CHINA LAKE-C, CAL	5073	7 16	9 00 49.01			6 42 25	64 06 24		229304
18302	CHINA LAKE-C, CAL	5073	7 16	9 00 50.01			7 00 34	63 48 42		229304
18303	CHINA LAKE-C, CAL	5073	7 16	9 00 51.01			7 15 52	63 34 00		229304
18304	CHINA LAKE-C, CAL	5073	7 16	9 00 52.01			7 33 48	63 17 33		229304
18305	CHINA LAKE-C, CAL	5073	7 16	9 00 53.01			7 48 03	63 01 18		229304
18306	CHINA LAKE-C, CAL	5073	7 16	9 00 54.01			8 02 52	62 44 53		229304
18307	CHINA LAKE-C, CAL	5073	7 16	9 00 55.01			8 19 46	62 28 34		229304
18308	CHINA LAKE-C, CAL	5073	7 16	9 00 56.01			8 34 19	62 11 34		229304
18309	CHINA LAKE-C, CAL	5073	7 16	9 00 57.01			8 50 33	61 57 04		229304
18310	CHINA LAKE-C, CAL	5073	7 16	9 00 58.01			9 03 48	61 39 41		229304
18311	CHINA LAKE-C, CAL	5073	7 16	9 00 59.01			9 12 46	61 24 28		229304
18312	CHINA LAKE-C, CAL	5073	7 16	9 01 00.01			9 28 33	61 08 27		229304
18313	CHINA LAKE-C, CAL	5073	7 16	9 01 01.01			9 45 57	60 51 55		229304
18314	CHINA LAKE-C, CAL	5073	7 16	9 03 21.01			22 12 42	32 47 21		229304
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18318	CHINA LAKE-C, CAL	5073	7 16	9 03 25.01			22 21 56	32 12 16		229304
18319	CHINA LAKE-C, CAL	5073	7 16	9 03 26.01			22 24 12	32 03 50		229304
18320	CHINA LAKE-C, CAL	5073	7 16	9 03 27.01			22 26 22	31 55 50		229304
18321	CHINA LAKE-C, CAL	5073	7 16	9 03 28.01			22 28 09	31 47 45		229304
18322	CHINA LAKE-C, CAL	5073	7 16	9 03 29.01			22 30 05	31 39 40		229304
18323	CHINA LAKE-C, CAL	5073	7 16	9 03 30.01			22 31 59	31 30 38		229304
18324	CHINA LAKE-C, CAL	5073	7 16	9 03 31.01			22 34 53	31 22 16		229304
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18326	CHINA LAKE-C, CAL	5073	7 16	9 03 33.01			22 38 08	31 05 52		229304
18327	CHINA LAKE-C, CAL	5073	7 16	9 03 34.01			22 40 12	30 57 49		229304
18328	CHINA LAKE-C, CAL	5073	7 16	9 03 35.01			22 42 35	30 51 00		229304
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18333	CHINA LAKE-C, CAL	5073	7 16	9 03 47.01			23 04 52	29 13 50		229304
18334	CHINA LAKE-C, CAL	5073	7 16	9 03 49.01			23 08 30	29 00 39		229304
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18220	CHINA LAKE-C, CAL	5073	7 16	10 43 01.01			325 36 46	19 24 48		229304
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18223	CHINA LAKE-C, CAL	5073	7 16	10 43 04.01			326 10 54	19 25 08		229304
18224	CHINA LAKE-C, CAL	5073	7 16	10 43 05.01			326 21 26	19 22 27		229304
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18226	CHINA LAKE-C, CAL	5073	7 16	10 43 07.01			326 42 13	19 19 18		229304
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18230	CHINA LAKE-C, CAL	5073	7 16	10 43 31.01			330 43 38	19 00 06		229304
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18232	CHINA LAKE-C, CAL	5073	7 16	10 43 33.01			331 04 51	18 53 31		229304
18233	CHINA LAKE-C, CAL	5073	7 16	10 43 34.01			331 12 47	18 52 08		229304
18234	CHINA LAKE-C, CAL	5073	7 16	10 43 35.01			331 22 28	18 51 02		229304
18235	CHINA LAKE-C, CAL	5073	7 16	10 43 36.01			331 32 39	18 50 15		229304
18236	CHINA LAKE-C, CAL	5073	7 16	10 43 37.01			331 42 14	18 48 58		229304
18237	CHINA LAKE-C, CAL	5073	7 16	10 43 38.01			331 50 16	18 48 08		229304
18238	CHINA LAKE-C, CAL	5073	7 16	10 43 39.01			332 00 52	18 45 47		229304
18239	CHINA LAKE-C, CAL	5073	7 16	10 43 40.01			332 08 40	18 45 12		229304
18240	CHINA LAKE-C, CAL	5073	7 16	10 43 41.01			332 18 47	18 44 20		229304
18241	CHINA LAKE-C, CAL	5073	7 16	10 43 42.01			332 32 23	18 45 53		229304
18242	CHINA LAKE-C, CAL	5073	7 16	10 43 43.01			332 38 47	18 41 27		229304
18243	CHINA LAKE-C, CAL	5073	7 16	10 43 44.01			332 48 37	18 39 07		229304
18244	CHINA LAKE-C, CAL	5073	7 16	10 43 45.01			332 56 16	18 40 36		229304
18245	CHINA LAKE-C, CAL	5073	7 16	10 43 59.01			335 14 56	18 34 01		229304
18246	CHINA LAKE-C, CAL	5073	7 16	10 44 00.01			335 29 29	18 35 19		229304
18247	CHINA LAKE-C, CAL	5073	7 16	10 44 01.01			335 35 26	18 34 46		229304
18248	CHINA LAKE-C, CAL	5073	7 16	10 44 02.01			335 48 40	18 38 11		229304
18249	CHINA LAKE-C, CAL	5073	7 16	10 44 03.01			335 56 21	18 39 13		229304
18250	CHINA LAKE-C, CAL	5073	7 16	10 44 04.01			336 02 33	18 29 49		229304
17642	CHINA LAKE-C, CAL	5073	7 17	9 39 23.01			325 59 00	34 42 37		229304
17643	CHINA LAKE-C, CAL	5073	7 17	9 39 24.01			326 19 11	34 36 50		229304
17644	CHINA LAKE-C, CAL	5073	7 17	9 39 25.01			326 30 01	34 34 15		229304
17645	CHINA LAKE-C, CAL	5073	7 17	9 39 26.01			326 47 15	34 32 00		229304
17646	CHINA LAKE-C, CAL	5073	7 17	9 39 27.01			327 00 40	34 30 22		229304
17647	CHINA LAKE-C, CAL	5073	7 17	9 39 28.01			327 18 54	34 26 12		229304
17648	CHINA LAKE-C, CAL	5073	7 17	9 39 29.01			327 33 33	34 26 32		229304
17649	CHINA LAKE-C, CAL	5073	7 17	9 39 30.01			327 52 44	34 20 58		229304
17650	CHINA LAKE-C, CAL	5073	7 17	9 39 31.01			328 07 15	34 17 56		229304
17651	CHINA LAKE-C, CAL	5073	7 17	9 39 32.01			328 11 48	34 23 36		229304
17652	CHINA LAKE-C, CAL	5073	7 17	9 39 33.01			328 37 28	34 13 50		229304
17653	CHINA LAKE-C, CAL	5073	7 17	9 39 34.01			328 53 23	34 06 33		229304
17654	CHINA LAKE-C, CAL	5073	7 17	9 39 35.01			329 08 23	34 06 53		229304
17655	CHINA LAKE-C, CAL	5073	7 17	9 39 36.01			329 10 57	34 03 27		229304
17656	CHINA LAKE-C, CAL	5073	7 17	9 39 37.01			329 34 52	34 00 37		229304
17657	CHINA LAKE-C, CAL	5073	7 17	9 39 38.01			329 49 18	33 58 03		229304
17658	CHINA LAKE-C, CAL	5073	7 17	9 39 39.01			330 02 33	33 55 02		229304
17659	CHINA LAKE-C, CAL	5073	7 17	9 40 20.01			339 32 40	31 27 41		229304
17660	CHINA LAKE-C, CAL	5073	7 17	9 40 21.01			340 08 19	31 23 00		229304
17661	CHINA LAKE-C, CAL	5073	7 17	9 40 22.01			340 20 21	31 15 26		229304
17662	CHINA LAKE-C, CAL	5073	7 17	9 40 23.01			340 29 25	31 09 58		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
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17665	CHINA LAKE-C, CAL	5073	7 17	9 43 44.01	7	42 27	16 12 03			229304
17666	CHINA LAKE-C, CAL	5073	7 17	9 43 45.01	7	46 48	16 07 08			229304
17667	CHINA LAKE-C, CAL	5073	7 17	9 43 46.01	7	51 33	16 06 00			229304
17668	CHINA LAKE-C, CAL	5073	7 17	9 43 47.01	7	58 56	15 59 03			229304
17669	CHINA LAKE-C, CAL	5073	7 17	9 43 48.01	8	00 32	15 55 36			229304
17670	CHINA LAKE-C, CAL	5073	7 17	9 43 49.01	8	08 30	15 51 55			229304
17671	CHINA LAKE-C, CAL	5073	7 17	9 43 50.01	8	12 02	15 47 09			229304
17672	CHINA LAKE-C, CAL	5073	7 17	9 43 51.01	8	16 50	15 43 02			229304
17673	CHINA LAKE-C, CAL	5073	7 17	9 43 52.01	8	22 29	15 40 09			229304
17674	CHINA LAKE-C, CAL	5073	7 17	9 43 53.01	8	27 25	15 34 11			229304
17675	CHINA LAKE-C, CAL	5073	7 17	9 43 54.01	8	31 01	15 29 29			229304
17676	CHINA LAKE-C, CAL	5073	7 17	9 43 55.01	8	38 24	15 27 09			229304
17677	CHINA LAKE-C, CAL	5073	7 17	9 43 56.01	8	42 20	15 22 22			229304
17678	CHINA LAKE-C, CAL	5073	7 17	9 43 57.01	8	47 32	15 19 04			229304
17679	CHINA LAKE-C, CAL	5073	7 17	9 43 58.01	8	52 34	15 14 46			229304
17680	CHINA LAKE-C, CAL	5073	7 17	9 43 59.01	8	58 12	15 09 21			229304
17681	CHINA LAKE-C, CAL	5073	7 17	9 44 00.01	8	57 24	15 11 28			229304
17682	CHINA LAKE-C, CAL	5073	7 17	9 44 01.01	9	07 13	15 04 01			229304
17683	CHINA LAKE-C, CAL	5073	7 17	9 44 02.01	9	12 00	14 59 13			229304
17684	CHINA LAKE-C, CAL	5073	7 17	9 44 03.01	9	16 11	14 54 10			229304
17685	CHINA LAKE-C, CAL	5073	7 17	9 44 04.01	9	24 35	14 44 34			229304
18336	CHINA LAKE-C, CAL	5073	7 18	8 27 20.01	330	21 29	69 54 03			229304
18337	CHINA LAKE-C, CAL	5073	7 18	8 27 21.01	331	10 40	69 44 27			229304
18338	CHINA LAKE-C, CAL	5073	7 18	8 27 22.01	331	17 52	69 25 47			229304
18339	CHINA LAKE-C, CAL	5073	7 18	8 27 23.01	332	50 08	69 22 42			229304
18340	CHINA LAKE-C, CAL	5073	7 18	8 27 24.01	333	37 37	69 15 51			229304
18341	CHINA LAKE-C, CAL	5073	7 18	8 27 25.01	334	26 35	69 04 06			229304
18342	CHINA LAKE-C, CAL	5073	7 18	8 27 26.01	335	05 16	68 56 20			229304
18343	CHINA LAKE-C, CAL	5073	7 18	8 27 27.01	335	12 12	68 41 07			229304
18344	CHINA LAKE-C, CAL	5073	7 18	8 27 28.01	336	54 58	68 32 49			229304
18345	CHINA LAKE-C, CAL	5073	7 18	8 27 29.01	337	27 11	68 21 34			229304
18346	CHINA LAKE-C, CAL	5073	7 18	8 28 15.01	359	29 09	58 17 56			229304
18347	CHINA LAKE-C, CAL	5073	7 18	8 28 16.01	359	49 05	58 04 27			229304
18348	CHINA LAKE-C, CAL	5073	7 18	8 28 17.01	0	03 53	57 48 13			229304
18349	CHINA LAKE-C, CAL	5073	7 18	8 28 19.01	0	36 05	57 22 38			229304
18350	CHINA LAKE-C, CAL	5073	7 18	8 28 20.01	0	55 36	57 07 14			229304
18351	CHINA LAKE-C, CAL	5073	7 18	8 28 21.01	1	09 45	56 52 13			229304
18352	CHINA LAKE-C, CAL	5073	7 18	8 28 23.01	1	46 53	56 22 26			229304
18353	CHINA LAKE-C, CAL	5073	7 18	8 28 24.01	1	54 38	56 10 16			229304
18354	CHINA LAKE-C, CAL	5073	7 18	8 28 25.01	2	19 40	55 59 04			229304
18355	CHINA LAKE-C, CAL	5073	7 18	8 28 26.01	2	35 44	55 47 29			229304
18356	CHINA LAKE-C, CAL	5073	7 18	8 28 27.01	2	50 47	55 30 54			229304
18357	CHINA LAKE-C, CAL	5073	7 18	8 28 28.01	2	55 35	55 18 04			229304
18358	CHINA LAKE-C, CAL	5073	7 18	8 28 29.01	3	17 27	55 01 33			229304
18359	CHINA LAKE-C, CAL	5073	7 18	8 28 30.01	3	24 02	54 57 54			229304
18360	CHINA LAKE-C, CAL	5073	7 18	8 28 31.01	3	41 24	54 40 21			229304
18361	CHINA LAKE-C, CAL	5073	7 18	8 28 32.01	3	59 10	54 24 05			229304
18362	CHINA LAKE-C, CAL	5073	7 18	8 28 33.01	4	12 00	54 12 06			229304
18363	CHINA LAKE-C, CAL	5073	7 18	8 28 34.01	4	25 03	53 54 30			229304
18364	CHINA LAKE-C, CAL	5073	7 18	8 28 35.01	4	35 17	53 44 29			229304
18365	CHINA LAKE-C, CAL	5073	7 18	8 28 36.01	4	46 37	53 28 31			229304
18366	CHINA LAKE-C, CAL	5073	7 18	8 28 37.01	5	05 26	53 14 20			229304
18367	CHINA LAKE-C, CAL	5073	7 18	8 28 38.01	5	17 05	53 06 29			229304
18368	CHINA LAKE-C, CAL	5073	7 18	8 28 39.01	5	27 16	52 49 32			229304
18369	CHINA LAKE-C, CAL	5073	7 18	8 28 40.01	5	42 43	52 35 43			229304
18370	CHINA LAKE-C, CAL	5073	7 18	8 28 41.01	5	52 03	52 21 50			229304
18371	CHINA LAKE-C, CAL	5073	7 21	8 46 19.01	310	41 07	31 35 20			229304
18372	CHINA LAKE-C, CAL	5073	7 21	8 46 20.01	310	56 44	31 32 53			229304
18373	CHINA LAKE-C, CAL	5073	7 21	8 46 21.01	311	13 04	31 36 50			229304
18374	CHINA LAKE-C, CAL	5073	7 21	8 46 22.01	311	11 22	31 40 20			229304
18375	CHINA LAKE-C, CAL	5073	7 21	8 46 23.01	311	29 12	31 34 27			229304
18376	CHINA LAKE-C, CAL	5073	7 21	8 46 24.01	311	39 29	31 40 05			229304
18377	CHINA LAKE-C, CAL	5073	7 21	8 46 25.01	311	52 44	31 38 02			229304
18378	CHINA LAKE-C, CAL	5073	7 21	8 46 26.01	312	01 39	31 39 51			229304
18379	CHINA LAKE-C, CAL	5073	7 21	8 46 27.01	312	19 13	31 37 16			229304
18380	CHINA LAKE-C, CAL	5073	7 21	8 46 28.01	312	32 11	31 37 35			229304
18381	CHINA LAKE-C, CAL	5073	7 21	8 46 29.01	312	53 39	31 39 25			229304
18382	CHINA LAKE-C, CAL	5073	7 21	8 46 30.01	312	59 41	31 37 47			229304
18383	CHINA LAKE-C, CAL	5073	7 21	8 46 31.01	313	21 23	31 38 21			229304
18384	CHINA LAKE-C, CAL	5073	7 21	8 46 32.01	313	42 42	31 37 34			229304
18385	CHINA LAKE-C, CAL	5073	7 21	8 46 33.01	313	56 48	31 37 43			229304
18386	CHINA LAKE-C, CAL	5073	7 21	8 46 34.01	314	23 08	31 33 23			229304
18387	CHINA LAKE-C, CAL	5073	7 21	8 46 35.01	314	31 52	31 29 13			229304
18388	CHINA LAKE-C, CAL	5073	7 21	8 46 36.01	314	48 08	31 31 45			229304
18389	CHINA LAKE-C, CAL	5073	7 21	8 46 37.01	315	09 25	31 34 13			229304
18390	CHINA LAKE-C, CAL	5073	7 21	8 46 38.01	315	20 03	31 33 19			229304
18391	CHINA LAKE-C, CAL	5073	7 21	8 46 39.01	315	39 26	31 34 09			229304
17686	CHINA LAKE-C, CAL	5073	7 24	7 14 24.01	330	53 02	56 31 37			229304
17687	CHINA LAKE-C, CAL	5073	7 24	7 14 25.01	331	23 48	56 23 53			229304
17688	CHINA LAKE-C, CAL	5073	7 24	7 14 26.01	331	53 18	56 17 11			229304
17689	CHINA LAKE-C, CAL	5073	7 24	7 14 27.01	332	18 44	56 09 13			229304
17690	CHINA LAKE-C, CAL	5073	7 24	7 14 28.01	332	49 29	56 01 36			229304
17691	CHINA LAKE-C, CAL	5073	7 24	7 14 29.01	333	06 25	55 53 04			229304
17692	CHINA LAKE-C, CAL	5073	7 24	7 14 30.01	333	45 03	55 47 35			229304
17693	CHINA LAKE-C, CAL	5073	7 24	7 14 31.01	334	08 48	55 37 58			229304
17694	CHINA LAKE-C, CAL	5073	7 24	7 14 32.01	334	32 06	55 31 01			229304
17695	CHINA LAKE-C, CAL	5073	7 24	7 14 33.01	335	04 18	55 23 39			229304
17696	CHINA LAKE-C, CAL	5073	7 24	7 14 34.01	335	33 16	55 13 33			229304
17697	CHINA LAKE-C, CAL	5073	7 24	7 14 35.01	336	00 14	55 05 16			229304
17698	CHINA LAKE-C, CAL	5073	7 24	7 14 36.01	336	26 23	54 56 39			229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
17699	CHINA LAKE-C, CAL	5073	7 24	7 14 37.01			336 44 39	54 50 39		229304
17700	CHINA LAKE-C, CAL	5073	7 24	7 14 38.01			337 14 13	54 39 35		229304
17701	CHINA LAKE-C, CAL	5073	7 24	7 14 40.01			338 05 53	54 22 34		229304
17702	CHINA LAKE-C, CAL	5073	7 24	7 14 41.01			338 31 17	54 15 59		229304
17703	CHINA LAKE-C, CAL	5073	7 24	7 14 42.01			338 54 45	54 05 37		229304
17704	CHINA LAKE-C, CAL	5073	7 24	7 14 43.01			339 17 54	53 54 47		229304
17705	CHINA LAKE-C, CAL	5073	7 24	7 14 44.01			339 46 17	53 49 47		229304
17706	CHINA LAKE-C, CAL	5073	7 24	7 14 45.01			340 07 46	53 39 07		229304
17707	CHINA LAKE-C, CAL	5073	7 24	7 14 46.01			340 29 20	53 29 22		229304
17708	CHINA LAKE-C, CAL	5073	7 24	7 14 47.01			340 53 16	53 22 23		229304
17709	CHINA LAKE-C, CAL	5073	7 24	7 14 48.01			341 12 27	53 09 20		229304
17710	CHINA LAKE-C, CAL	5073	7 24	7 14 49.01			341 36 19	53 03 43		229304
17711	CHINA LAKE-C, CAL	5073	7 24	7 14 50.01			341 57 36	52 53 54		229304
17712	CHINA LAKE-C, CAL	5073	7 24	7 14 51.01			342 18 05	52 45 26		229304
17713	CHINA LAKE-C, CAL	5073	7 24	7 14 52.01			342 41 28	52 34 15		229304
17714	CHINA LAKE-C, CAL	5073	7 24	7 14 53.01			342 58 55	52 24 53		229304
17715	CHINA LAKE-C, CAL	5073	7 24	7 14 54.01			343 26 32	52 13 07		229304
17716	CHINA LAKE-C, CAL	5073	7 24	7 14 55.01			343 49 26	52 07 22		229304
17717	CHINA LAKE-C, CAL	5073	7 24	7 14 56.01			344 18 17	51 55 19		229304
17718	CHINA LAKE-C, CAL	5073	7 24	7 14 57.01			344 35 04	51 50 27		229304
17719	CHINA LAKE-C, CAL	5073	7 24	7 14 58.01			344 54 08	51 40 30		229304
17720	CHINA LAKE-C, CAL	5073	7 24	7 14 59.01			345 13 46	51 29 59		229304
17721	CHINA LAKE-C, CAL	5073	7 24	7 15 00.01			345 32 02	51 20 58		229304
17722	CHINA LAKE-C, CAL	5073	7 24	7 15 01.01			345 52 58	51 10 59		229304
17723	CHINA LAKE-C, CAL	5073	7 24	7 15 02.01			346 08 40	51 01 23		229304
17724	CHINA LAKE-C, CAL	5073	7 24	7 15 03.01			346 32 06	50 52 10		229304
17725	CHINA LAKE-C, CAL	5073	7 24	7 15 04.01			346 49 28	50 45 46		229304
17726	CHINA LAKE-C, CAL	5073	7 24	7 15 05.01			347 11 50	50 31 42		229304
17727	CHINA LAKE-C, CAL	5073	7 24	7 15 06.01			347 28 52	50 23 02		229304
17728	CHINA LAKE-C, CAL	5073	7 24	7 15 07.01			347 48 10	50 15 05		229304
17729	CHINA LAKE-C, CAL	5073	7 24	7 15 08.01			348 06 35	50 03 56		229304
17730	CHINA LAKE-C, CAL	5073	7 24	7 15 09.01			348 26 06	49 54 17		229304
17731	CHINA LAKE-C, CAL	5073	7 24	7 15 10.01			348 43 46	49 44 20		229304
17732	CHINA LAKE-C, CAL	5073	7 24	7 15 11.01			349 11 53	49 35 20		229304
17733	CHINA LAKE-C, CAL	5073	7 24	7 15 12.01			349 30 51	49 27 00		229304
17734	CHINA LAKE-C, CAL	5073	7 24	7 15 13.01			350 04 54	49 19 52		229304
17735	CHINA LAKE-C, CAL	5073	7 24	7 15 14.01			350 10 48	49 08 40		229304
17736	CHINA LAKE-C, CAL	5073	7 24	7 15 15.01			350 23 15	48 57 44		229304
17737	CHINA LAKE-C, CAL	5073	7 24	7 15 16.01			350 27 29	48 46 30		229304
17738	CHINA LAKE-C, CAL	5073	7 24	7 15 17.01			350 43 52	48 35 27		229304
17739	CHINA LAKE-C, CAL	5073	7 24	7 15 18.01			350 59 14	48 26 11		229304
17740	CHINA LAKE-C, CAL	5073	7 24	7 15 19.01			351 22 22	48 15 54		229304
17741	CHINA LAKE-C, CAL	5073	7 24	7 15 20.01			351 34 59	48 07 06		229304
17742	CHINA LAKE-C, CAL	5073	7 24	7 15 21.01			351 55 05	47 57 20		229304
17743	CHINA LAKE-C, CAL	5073	7 24	7 15 22.01			352 05 09	47 47 02		229304
17744	CHINA LAKE-C, CAL	5073	7 24	7 19 10.01			18 29 12	19 03 06		229304
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17746	CHINA LAKE-C, CAL	5073	7 24	7 19 12.01			18 34 54	18 33 30		229304
17747	CHINA LAKE-C, CAL	5073	7 24	7 19 14.01			18 20 06	18 30 14		229304
17748	CHINA LAKE-C, CAL	5073	7 24	7 19 15.01			18 22 22	18 24 15		229304
17749	CHINA LAKE-C, CAL	5073	7 24	7 19 16.01			18 25 50	18 17 33		229304
17750	CHINA LAKE-C, CAL	5073	7 24	7 19 17.01			18 27 34	18 13 18		229304
17751	CHINA LAKE-C, CAL	5073	7 24	7 19 18.01			18 29 39	18 08 18		229304
17752	CHINA LAKE-C, CAL	5073	7 24	7 19 19.01			18 32 56	18 03 18		229304
17753	CHINA LAKE-C, CAL	5073	7 24	7 19 20.01			18 35 05	17 58 29		229304
17754	CHINA LAKE-C, CAL	5073	7 24	7 19 21.01			18 36 50	17 51 22		229304
17755	CHINA LAKE-C, CAL	5073	7 24	7 19 22.01			18 38 03	17 47 56		229304
17756	CHINA LAKE-C, CAL	5073	7 24	7 19 23.01			18 43 01	17 43 07		229304
17757	CHINA LAKE-C, CAL	5073	7 24	7 19 24.01			18 47 05	17 37 06		229304
17758	CHINA LAKE-C, CAL	5073	7 24	7 19 25.01			18 50 15	17 32 30		229304
17759	CHINA LAKE-C, CAL	5073	7 24	7 19 26.01			18 52 08	17 27 06		229304
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17761	CHINA LAKE-C, CAL	5073	7 25	6 10 54.01			52 12 06	43 19 00		229304
17762	CHINA LAKE-C, CAL	5073	7 25	6 10 55.01			52 01 25	43 07 24		229304
17763	CHINA LAKE-C, CAL	5073	7 25	6 10 57.01			51 47 02	42 56 33		229304
17764	CHINA LAKE-C, CAL	5073	7 25	6 10 58.01			51 30 23	42 37 42		229304
17765	CHINA LAKE-C, CAL	5073	7 25	6 10 59.01			51 19 24	42 26 36		229304
17766	CHINA LAKE-C, CAL	5073	7 25	6 11 00.01			51 12 07	42 15 31		229304
17767	CHINA LAKE-C, CAL	5073	7 25	6 11 01.01			51 01 44	42 04 23		229304
17768	CHINA LAKE-C, CAL	5073	7 25	6 11 02.01			50 52 37	41 54 16		229304
17769	CHINA LAKE-C, CAL	5073	7 25	6 11 03.01			50 46 53	41 44 46		229304
17770	CHINA LAKE-C, CAL	5073	7 25	6 11 04.01			50 38 46	41 33 57		229304
17771	CHINA LAKE-C, CAL	5073	7 25	6 11 05.01			50 31 34	41 23 06		229304
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17780	CHINA LAKE-C, CAL	5073	7 25	6 11 15.01			49 20 38	39 29 09		229304
17781	CHINA LAKE-C, CAL	5073	7 25	6 11 16.01			49 08 29	39 34 46		229304
17782	CHINA LAKE-C, CAL	5073	7 25	6 11 17.01			48 55 20	39 24 54		229304
17783	CHINA LAKE-C, CAL	5073	7 25	6 11 18.01			48 43 22	39 15 26		229304
17784	CHINA LAKE-C, CAL	5073	7 25	6 14 10.01			37 27 09	18 26 51		229304
17785	CHINA LAKE-C, CAL	5073	7 25	6 14 11.01			37 25 49	18 21 57		229304
17786	CHINA LAKE-C, CAL	5073	7 25	6 14 12.01			37 22 57	18 16 09		229304
17787	CHINA LAKE-C, CAL	5073	7 25	6 14 13.01			37 20 42	18 11 22		229304
17788	CHINA LAKE-C, CAL	5073	7 25	6 14 14.01			37 18 20	18 06 21		229304
17789	CHINA LAKE-C, CAL	5073	7 25	6 14 15.01			37 17 00	18 01 03		229304
17790	CHINA LAKE-C, CAL	5073	7 25	6 14 16.01			37 14 10	17 54 41		229304
17791	CHINA LAKE-C, CAL	5073	7 27	5 05 41.01			81 25 01	24 44 13		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
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17793	CHINA LAKE-C, CAL	5073	7 27	5 05 43.01			81 01 36	24 40 34		229304
17794	CHINA LAKE-C, CAL	5073	7 27	5 05 44.01			80 53 13	24 42 42		229304
17795	CHINA LAKE-C, CAL	5073	7 27	5 05 45.01			80 27 47	24 31 52		229304
17796	CHINA LAKE-C, CAL	5073	7 27	5 05 46.01			80 15 46	24 24 15		229304
17797	CHINA LAKE-C, CAL	5073	7 27	5 05 47.01			80 00 02	24 22 52		229304
17798	CHINA LAKE-C, CAL	5073	7 27	5 05 48.01			79 44 10	24 21 30		229304
17799	CHINA LAKE-C, CAL	5073	7 27	5 05 49.01			79 28 41	24 20 47		229304
17800	CHINA LAKE-C, CAL	5073	7 27	5 05 50.01			79 23 35	24 18 45		229304
17801	CHINA LAKE-C, CAL	5073	7 27	5 05 51.01			79 12 18	24 15 48		229304
17802	CHINA LAKE-C, CAL	5073	7 27	5 05 52.01			79 00 22	24 14 31		229304
17803	CHINA LAKE-C, CAL	5073	7 27	5 05 53.01			78 48 25	24 16 42		229304
17804	CHINA LAKE-C, CAL	5073	7 27	5 05 54.01			78 43 32	24 12 10		229304
17805	CHINA LAKE-C, CAL	5073	7 27	5 05 55.01			78 32 49	24 05 56		229304
17806	CHINA LAKE-C, CAL	5073	7 27	5 05 56.01			78 15 36	24 04 08		229304
17807	CHINA LAKE-C, CAL	5073	7 27	5 05 57.01			78 11 21	23 57 53		229304
17808	CHINA LAKE-C, CAL	5073	7 27	5 05 58.01			78 01 35	23 52 21		229304
17809	CHINA LAKE-C, CAL	5073	7 27	5 05 59.01			77 48 04	23 48 24		229304
17810	CHINA LAKE-C, CAL	5073	7 27	5 07 37.01			63 26 23	18 05 34		229304
17811	CHINA LAKE-C, CAL	5073	7 27	5 07 38.01			63 11 06	18 03 00		229304
17812	CHINA LAKE-C, CAL	5073	7 27	5 07 39.01			63 12 18	17 59 20		229304
17813	CHINA LAKE-C, CAL	5073	7 27	5 07 40.01			62 56 57	18 01 58		229304
17814	CHINA LAKE-C, CAL	5073	7 27	5 07 41.01			62 45 44	17 55 01		229304
17815	CHINA LAKE-C, CAL	5073	7 27	5 07 42.01			62 45 57	17 56 05		229304
17816	CHINA LAKE-C, CAL	5073	7 27	5 07 43.01			62 24 48	17 50 31		229304
17817	CHINA LAKE-C, CAL	5073	7 27	5 07 44.01			62 23 16	17 49 06		229304
17818	CHINA LAKE-C, CAL	5073	7 27	5 07 45.01			62 06 35	17 47 35		229304
17819	CHINA LAKE-C, CAL	5073	7 27	5 07 46.01			62 06 27	17 46 34		229304
17820	CHINA LAKE-C, CAL	5073	7 27	5 08 10.01			59 45 08	16 03 25		229304
17821	CHINA LAKE-C, CAL	5073	7 27	5 08 11.01			59 37 57	16 00 07		229304
17822	CHINA LAKE-C, CAL	5073	7 27	5 08 12.01			59 29 13	15 54 28		229304
17823	CHINA LAKE-C, CAL	5073	7 27	5 08 13.01			59 24 05	15 50 44		229304
17824	CHINA LAKE-C, CAL	5073	7 27	5 08 14.01			59 21 49	15 50 52		229304
17825	CHINA LAKE-C, CAL	5073	7 27	5 08 15.01			59 12 38	15 48 20		229304
17826	CHINA LAKE-C, CAL	5073	7 27	5 08 16.01			59 07 46	15 49 24		229304
17827	CHINA LAKE-C, CAL	5073	7 27	5 08 17.01			58 51 51	15 42 49		229304
17828	CHINA LAKE-C, CAL	5073	7 27	5 08 18.01			58 42 35	15 35 42		229304
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17830	CHINA LAKE-C, CAL	5073	7 27	5 08 20.01			58 37 01	15 29 40		229304
17831	CHINA LAKE-C, CAL	5073	7 27	5 08 21.01			58 39 31	15 27 47		229304
17832	CHINA LAKE-C, CAL	5073	7 27	6 44 40.01			303 33 34	57 31 28		229304
17833	CHINA LAKE-C, CAL	5073	7 27	6 44 41.01			306 08 57	57 29 37		229304
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17835	CHINA LAKE-C, CAL	5073	7 27	6 44 43.01			306 32 47	57 46 55		229304
17836	CHINA LAKE-C, CAL	5073	7 27	6 44 44.01			306 25 26	57 50 49		229304
17837	CHINA LAKE-C, CAL	5073	7 27	6 44 45.01			306 54 45	57 42 50		229304
17838	CHINA LAKE-C, CAL	5073	7 27	6 44 46.01			307 11 05	57 38 45		229304
17839	CHINA LAKE-C, CAL	5073	7 27	6 44 47.01			307 31 50	57 53 39		229304
17840	CHINA LAKE-C, CAL	5073	7 27	6 44 48.01			308 31 45	58 06 26		229304
17841	CHINA LAKE-C, CAL	5073	7 27	6 44 49.01			309 27 38	58 11 43		229304
17842	CHINA LAKE-C, CAL	5073	7 27	6 44 50.01			310 23 51	58 05 28		229304
17843	CHINA LAKE-C, CAL	5073	7 27	6 44 51.01			310 49 09	57 59 44		229304
17844	CHINA LAKE-C, CAL	5073	7 27	6 44 52.01			311 24 58	57 53 46		229304
17845	CHINA LAKE-C, CAL	5073	7 27	6 44 53.01			312 08 42	57 45 53		229304
17846	CHINA LAKE-C, CAL	5073	7 27	6 44 54.01			312 36 03	57 42 23		229304
17847	CHINA LAKE-C, CAL	5073	7 27	6 44 55.01			313 01 41	57 33 23		229304
17848	CHINA LAKE-C, CAL	5073	7 27	6 44 56.01			313 45 48	57 28 08		229304
17849	CHINA LAKE-C, CAL	5073	7 27	6 44 57.01			314 00 18	57 23 55		229304
17850	CHINA LAKE-C, CAL	5073	7 27	6 44 58.01			314 24 46	57 18 08		229304
17851	CHINA LAKE-C, CAL	5073	7 27	6 44 59.01			315 02 27	57 14 24		229304
17852	CHINA LAKE-C, CAL	5073	7 27	6 47 21.01			2 20 01	38 05 25		229304
17853	CHINA LAKE-C, CAL	5073	7 27	6 47 22.01			2 44 05	38 05 32		229304
17854	CHINA LAKE-C, CAL	5073	7 27	6 47 23.01			2 37 47	37 54 48		229304
17855	CHINA LAKE-C, CAL	5073	7 27	6 48 37.01			10 54 19	28 18 23		229304
17856	CHINA LAKE-C, CAL	5073	7 27	6 48 38.01			11 04 17	28 12 05		229304
17857	CHINA LAKE-C, CAL	5073	7 27	6 48 39.01			11 00 13	28 05 39		229304
17858	CHINA LAKE-C, CAL	5073	7 27	6 48 40.01			11 11 05	27 54 57		229304
17859	CHINA LAKE-C, CAL	5073	7 27	6 48 41.01			11 15 55	27 49 50		229304
17860	CHINA LAKE-C, CAL	5073	7 27	6 48 42.01			11 23 23	27 40 44		229304
17861	CHINA LAKE-C, CAL	5073	7 27	6 48 43.01			11 26 26	27 34 32		229304
17862	CHINA LAKE-C, CAL	5073	7 27	6 48 44.01			11 32 51	27 28 48		229304
17863	CHINA LAKE-C, CAL	5073	7 27	6 48 45.01			11 36 36	27 21 18		229304
17864	CHINA LAKE-C, CAL	5073	7 27	6 48 46.01			11 41 40	27 14 46		229304
17865	CHINA LAKE-C, CAL	5073	7 27	6 48 47.01			11 47 29	27 09 28		229304
17866	CHINA LAKE-C, CAL	5073	7 27	6 48 48.01			11 52 03	27 01 34		229304
17867	CHINA LAKE-C, CAL	5073	7 27	6 48 49.01			11 57 18	26 51 36		229304
17868	CHINA LAKE-C, CAL	5073	7 27	6 48 50.01			12 01 24	26 44 50		229304
17869	CHINA LAKE-C, CAL	5073	7 27	6 48 51.01			12 06 01	26 37 39		229304
17870	CHINA LAKE-C, CAL	5073	7 27	6 48 52.01			12 10 01	26 30 58		229304
17871	CHINA LAKE-C, CAL	5073	7 27	6 48 53.01			12 15 27	26 28 25		229304
17872	CHINA LAKE-C, CAL	5073	7 27	6 48 54.01			12 20 28	26 20 27		229304
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17874	CHINA LAKE-C, CAL	5073	9 07	3 23 19.01			14 19 28	23 28 21		229304
17875	CHINA LAKE-C, CAL	5073	9 07	3 23 20.01			14 32 33	23 32 23		229304
17876	CHINA LAKE-C, CAL	5073	9 07	3 23 21.01			14 47 14	23 37 32		229304
17877	CHINA LAKE-C, CAL	5073	9 07	3 23 22.01			15 01 36	23 41 56		229304
17878	CHINA LAKE-C, CAL	5073	9 07	3 23 23.01			15 16 19	23 46 18		229304
17879	CHINA LAKE-C, CAL	5073	9 07	3 23 24.01			15 30 18	23 51 43		229304
17880	CHINA LAKE-C, CAL	5073	9 07	3 23 25.01			15 44 19	23 56 12		229304
17881	CHINA LAKE-C, CAL	5073	9 07	3 23 26.01			15 59 06	24 01 20		229304
17882	CHINA LAKE-C, CAL	5073	9 07	3 23 27.01			16 18 22	24 07 17		229304
17883	CHINA LAKE-C, CAL	5073	9 07	3 23 28.01			16 24 18	24 09 58		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
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17885	CHINA LAKE-C, CAL	5073	9 07	3 23 30.01			17 00 13	24 20 49		229304
17886	CHINA LAKE-C, CAL	5073	9 07	3 23 31.01			17 15 19	24 24 15		229304
17887	CHINA LAKE-C, CAL	5073	9 07	3 23 32.01			17 26 26	24 28 59		229304
17888	CHINA LAKE-C, CAL	5073	9 07	3 23 33.01			17 44 02	24 34 20		229304
17889	CHINA LAKE-C, CAL	5073	9 07	3 23 34.01			17 59 56	24 37 38		229304
17890	CHINA LAKE-C, CAL	5073	9 07	3 23 35.01			18 15 24	24 43 39		229304
17891	CHINA LAKE-C, CAL	5073	9 07	3 23 36.01			18 30 57	24 47 04		229304
17892	CHINA LAKE-C, CAL	5073	9 07	3 23 37.01			18 47 20	24 52 21		229304
17893	CHINA LAKE-C, CAL	5073	9 07	3 23 38.01			19 02 35	24 56 55		229304
17894	CHINA LAKE-C, CAL	5073	9 07	3 23 39.01			19 17 19	25 02 05		229304
17895	CHINA LAKE-C, CAL	5073	9 07	3 23 40.01			19 34 53	25 06 28		229304
17896	CHINA LAKE-C, CAL	5073	9 07	3 23 41.01			19 51 53	25 09 18		229304
17897	CHINA LAKE-C, CAL	5073	9 07	3 23 42.01			20 05 20	25 15 13		229304
17898	CHINA LAKE-C, CAL	5073	9 07	3 23 43.01			20 22 08	25 19 42		229304
17899	CHINA LAKE-C, CAL	5073	9 07	3 23 44.01			20 38 34	25 25 02		229304
17900	CHINA LAKE-C, CAL	5073	9 07	3 23 45.01			20 56 58	25 28 21		229304
17901	CHINA LAKE-C, CAL	5073	9 07	3 23 46.01			21 10 18	25 32 40		229304
17902	CHINA LAKE-C, CAL	5073	9 07	3 23 47.01			21 26 59	25 37 25		229304
17903	CHINA LAKE-C, CAL	5073	9 07	3 23 48.01			21 46 20	25 43 56		229304
17904	CHINA LAKE-C, CAL	5073	9 07	3 23 49.01			22 00 01	25 44 36		229304
17905	CHINA LAKE-C, CAL	5073	9 07	3 23 50.01			22 17 55	25 49 51		229304
17906	CHINA LAKE-C, CAL	5073	9 07	3 23 51.01			22 35 09	25 54 14		229304
17907	CHINA LAKE-C, CAL	5073	9 07	3 23 52.01			22 51 33	25 59 22		229304
17908	CHINA LAKE-C, CAL	5073	9 07	3 23 53.01			23 13 34	25 57 06		229304
17909	CHINA LAKE-C, CAL	5073	9 07	3 23 54.01			23 23 33	26 07 27		229304
17910	CHINA LAKE-C, CAL	5073	9 07	3 23 55.01			23 43 19	26 11 18		229304
17911	CHINA LAKE-C, CAL	5073	9 07	3 23 57.01			24 20 30	26 19 48		229304
17912	CHINA LAKE-C, CAL	5073	9 07	3 24 06.01			26 54 18	26 57 08		229304
17913	CHINA LAKE-C, CAL	5073	9 07	3 24 15.01			29 52 07	27 27 36		229304
17914	CHINA LAKE-C, CAL	5073	9 07	3 24 44.01			39 44 11	28 41 10		229304
17915	CHINA LAKE-C, CAL	5073	9 07	3 24 45.01			40 10 47	28 43 31		229304
17916	CHINA LAKE-C, CAL	5073	9 07	3 24 46.01			40 28 56	28 44 10		229304
17917	CHINA LAKE-C, CAL	5073	9 07	3 24 52.01			42 45 51	28 52 25		229304
17918	CHINA LAKE-C, CAL	5073	9 07	3 24 53.01			43 06 54	28 53 16		229304
17919	CHINA LAKE-C, CAL	5073	9 07	3 24 54.01			43 32 37	28 55 56		229304
17920	CHINA LAKE-C, CAL	5073	9 07	3 24 55.01			43 53 27	28 56 49		229304
17921	CHINA LAKE-C, CAL	5073	9 07	3 24 59.01			45 21 21	28 59 44		229304
17922	CHINA LAKE-C, CAL	5073	9 07	3 25 00.01			45 42 00	29 00 21		229304
17923	CHINA LAKE-C, CAL	5073	9 07	3 25 01.01			46 02 25	29 00 43		229304
17924	CHINA LAKE-C, CAL	5073	9 07	3 25 02.01			46 30 52	29 01 11		229304
17925	CHINA LAKE-C, CAL	5073	9 07	3 25 03.01			46 51 27	29 01 22		229304
17926	CHINA LAKE-C, CAL	5073	9 07	3 25 04.01			47 14 23	29 02 03		229304
17927	CHINA LAKE-C, CAL	5073	9 07	3 25 05.01			47 36 11	29 02 01		229304
17928	CHINA LAKE-C, CAL	5073	9 07	3 25 06.01			47 59 27	29 02 08		229304
17929	CHINA LAKE-C, CAL	5073	9 07	3 25 07.01			48 29 02	29 02 24		229304
17930	CHINA LAKE-C, CAL	5073	9 07	3 25 08.01			48 45 10	29 02 02		229304
17931	CHINA LAKE-C, CAL	5073	9 07	3 25 09.01			49 06 52	29 01 52		229304
17932	CHINA LAKE-C, CAL	5073	9 07	3 25 10.01			49 31 34	29 01 45		229304
17933	CHINA LAKE-C, CAL	5073	9 07	3 25 11.01			49 54 38	29 01 34		229304
17934	CHINA LAKE-C, CAL	5073	9 07	3 25 12.01			50 17 13	29 01 01		229304
17935	CHINA LAKE-C, CAL	5073	9 07	3 25 13.01			50 41 02	29 00 43		229304
17936	CHINA LAKE-C, CAL	5073	9 07	3 25 14.01			51 03 19	29 00 07		229304
17937	CHINA LAKE-C, CAL	5073	9 07	3 25 15.01			51 26 17	28 59 29		229304
17938	CHINA LAKE-C, CAL	5073	9 07	3 25 16.01			51 49 18	28 58 53		229304
17939	CHINA LAKE-C, CAL	5073	9 07	3 25 17.01			52 11 52	28 57 58		229304
17940	CHINA LAKE-C, CAL	5073	9 07	3 25 18.01			52 40 17	28 56 57		229304
17941	CHINA LAKE-C, CAL	5073	9 07	3 25 19.01			53 00 33	28 56 09		229304
17942	CHINA LAKE-C, CAL	5073	9 07	3 25 20.01			53 20 23	28 55 04		229304
17943	CHINA LAKE-C, CAL	5073	9 07	3 25 21.01			53 44 50	28 54 10		229304
17944	CHINA LAKE-C, CAL	5073	9 07	3 25 22.01			53 55 17	28 52 39		229304
17945	CHINA LAKE-C, CAL	5073	9 07	3 25 23.01			54 25 59	28 51 08		229304
17946	CHINA LAKE-C, CAL	5073	9 07	3 25 24.01			54 49 40	28 49 46		229304
17947	CHINA LAKE-C, CAL	5073	9 07	3 25 25.01			55 23 34	28 48 16		229304
17948	CHINA LAKE-C, CAL	5073	9 07	3 25 26.01			55 45 49	28 46 46		229304
17949	CHINA LAKE-C, CAL	5073	9 07	3 25 27.01			56 04 22	28 45 10		229304
17950	CHINA LAKE-C, CAL	5073	9 07	3 25 28.01			56 27 09	28 45 28		229304
17951	CHINA LAKE-C, CAL	5073	9 07	3 25 29.01			56 47 27	28 41 34		229304
17952	CHINA LAKE-C, CAL	5073	9 07	3 25 30.01			57 09 53	28 40 14		229304
17953	CHINA LAKE-C, CAL	5073	9 07	3 25 31.01			57 34 44	28 38 16		229304
17954	CHINA LAKE-C, CAL	5073	9 07	3 25 32.01			57 55 46	28 35 57		229304
17955	CHINA LAKE-C, CAL	5073	9 07	3 25 33.01			58 19 39	28 33 39		229304
17956	CHINA LAKE-C, CAL	5073	9 07	3 25 34.01			58 43 45	28 31 46		229304
17957	CHINA LAKE-C, CAL	5073	9 07	3 25 35.01			59 12 14	28 28 48		229304
17958	CHINA LAKE-C, CAL	5073	9 07	3 25 36.01			59 26 51	28 26 41		229304
17959	CHINA LAKE-C, CAL	5073	9 07	3 25 37.01			59 52 17	28 24 34		229304
17960	CHINA LAKE-C, CAL	5073	9 07	3 25 38.01			60 16 32	28 25 30		229304
17961	CHINA LAKE-C, CAL	5073	9 07	3 25 39.01			60 43 14	28 20 38		229304
17962	CHINA LAKE-C, CAL	5073	9 07	3 25 40.01			61 00 48	28 17 44		229304
17963	CHINA LAKE-C, CAL	5073	9 07	3 25 41.01			61 26 28	28 14 44		229304
17964	CHINA LAKE-C, CAL	5073	9 07	3 25 42.01			61 42 31	28 12 54		229304
17965	CHINA LAKE-C, CAL	5073	9 07	3 25 43.01			62 09 45	28 10 53		229304
17966	CHINA LAKE-C, CAL	5073	9 07	3 25 44.01			62 34 03	28 07 15		229304
17967	CHINA LAKE-C, CAL	5073	9 07	3 25 45.01			62 53 31	28 03 38		229304
17968	CHINA LAKE-C, CAL	5073	9 07	3 25 46.01			63 17 56	28 00 52		229304
17969	CHINA LAKE-C, CAL	5073	9 07	3 25 47.01			63 40 39	27 58 10		229304
17970	CHINA LAKE-C, CAL	5073	9 07	3 25 48.01			64 00 38	27 53 55		229304
17971	CHINA LAKE-C, CAL	5073	9 07	3 25 49.01			64 22 22	27 50 52		229304
17972	CHINA LAKE-C, CAL	5073	9 07	3 25 50.01			64 43 11	27 47 15		229304
17973	CHINA LAKE-C, CAL	5073	9 07	3 25 51.01			65 10 32	27 43 22		229304
17974	CHINA LAKE-C, CAL	5073	9 07	3 25 52.01			65 30 19	27 42 07		229304
17975	CHINA LAKE-C, CAL	5073	9 07	3 25 53.01			65 52 17	27 36 52		229304
17976	CHINA LAKE-C, CAL	5073	9 07	3 25 54.01			66 14 20	27 32 58		229304
17977	CHINA LAKE-C, CAL	5073	9 07	3 25 55.01			66 35 44	27 29 20		229304
17978	CHINA LAKE-C, CAL	5073	9 07	3 25 56.01			66 58 34	27 25 35		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
17979	CHINA LAKE-C, CAL	5073	9 07	3 25 57.01			67 20 37	27 21 59		229304
17980	CHINA LAKE-C, CAL	5073	9 08	3 46 03.01			341 11 49	24 10 06		229304
17981	CHINA LAKE-C, CAL	5073	9 08	3 46 04.01			341 09 10	24 15 38		229304
17982	CHINA LAKE-C, CAL	5073	9 08	3 46 08.01			340 57 58	24 51 24		229304
17983	CHINA LAKE-C, CAL	5073	9 08	3 46 09.01			341 16 40	24 59 28		229304
17984	CHINA LAKE-C, CAL	5073	9 08	3 46 10.01			341 39 44	25 11 18		229304
17985	CHINA LAKE-C, CAL	5073	9 08	3 46 11.01			341 43 28	25 14 04		229304
17986	CHINA LAKE-C, CAL	5073	9 08	3 46 12.01			341 32 18	25 18 17		229304
17987	CHINA LAKE-C, CAL	5073	9 08	3 46 13.01			341 35 01	25 33 20		229304
17988	CHINA LAKE-C, CAL	5073	9 08	3 46 14.01			341 36 14	25 41 43		229304
17989	CHINA LAKE-C, CAL	5073	9 08	3 46 15.01			341 50 25	25 48 34		229304
17990	CHINA LAKE-C, CAL	5073	9 08	3 46 23.01			342 26 58	27 21 29		229304
17991	CHINA LAKE-C, CAL	5073	9 08	3 46 24.01			342 21 04	27 22 10		229304
17992	CHINA LAKE-C, CAL	5073	9 08	3 46 25.01			342 32 49	27 37 28		229304
17993	CHINA LAKE-C, CAL	5073	9 08	3 46 26.01			342 43 35	27 46 40		229304
17994	CHINA LAKE-C, CAL	5073	9 08	3 46 58.01			345 51 20	33 42 07		229304
17995	CHINA LAKE-C, CAL	5073	9 08	3 46 59.01			346 12 02	33 55 02		229304
17996	CHINA LAKE-C, CAL	5073	9 08	3 47 43.01			354 30 55	44 57 43		229304
17997	CHINA LAKE-C, CAL	5073	9 08	3 47 45.01			355 03 27	45 25 29		229304
17998	CHINA LAKE-C, CAL	5073	9 08	3 47 46.01			355 23 54	45 51 15		229304
17999	CHINA LAKE-C, CAL	5073	9 08	3 47 47.01			355 37 28	46 08 13		229304
18000	CHINA LAKE-C, CAL	5073	9 08	3 47 48.01			355 56 26	46 27 40		229304
18001	CHINA LAKE-C, CAL	5073	9 08	3 47 49.01			356 12 57	46 46 11		229304
18002	CHINA LAKE-C, CAL	5073	9 08	3 47 50.01			356 34 48	47 03 18		229304
18003	CHINA LAKE-C, CAL	5073	9 08	3 47 51.01			356 46 29	47 21 44		229304
18004	CHINA LAKE-C, CAL	5073	9 08	3 47 52.01			357 11 48	47 41 25		229304
18005	CHINA LAKE-C, CAL	5073	9 08	3 47 53.01			357 28 37	47 59 38		229304
18006	CHINA LAKE-C, CAL	5073	9 08	3 47 54.01			357 56 22	48 18 18		229304
18007	CHINA LAKE-C, CAL	5073	9 08	3 47 55.01			358 11 31	48 36 09		229304
18008	CHINA LAKE-C, CAL	5073	9 08	3 47 56.01			358 44 48	49 01 08		229304
18009	CHINA LAKE-C, CAL	5073	9 08	3 47 57.01			358 55 14	49 09 50		229304
18010	CHINA LAKE-C, CAL	5073	9 08	3 47 58.01			359 18 29	49 35 12		229304
18011	CHINA LAKE-C, CAL	5073	9 08	3 47 59.01			359 44 51	49 55 32		229304
18012	CHINA LAKE-C, CAL	5073	9 08	3 47 59.01			329 48 38	43 03 23		229304
18393	KINGMAN, ARIZONA	5081	9 08	3 48 00.01			0 02 55	50 13 46		229304
18393	KINGMAN, ARIZONA	5081	9 08	3 48 00.01			329 35 26	43 24 00		229304
18013	CHINA LAKE-C, CAL	5073	9 08	3 48 01.01			0 24 36	50 34 11		229304
18394	KINGMAN, ARIZONA	5081	9 08	3 48 01.01			329 33 40	43 42 37		229304
18014	CHINA LAKE-C, CAL	5073	9 08	3 48 02.01			0 53 44	50 53 15		229304
18395	KINGMAN, ARIZONA	5081	9 08	3 48 02.01			329 32 30	44 02 09		229304
18015	CHINA LAKE-C, CAL	5073	9 08	3 48 03.01			1 15 09	51 10 28		229304
18016	CHINA LAKE-C, CAL	5073	9 08	3 48 04.01			1 42 13	51 32 50		229304
18396	KINGMAN, ARIZONA	5081	9 08	3 48 04.01			329 28 03	44 40 49		229304
18017	CHINA LAKE-C, CAL	5073	9 08	3 48 05.01			2 08 21	51 53 35		229304
18397	KINGMAN, ARIZONA	5081	9 08	3 48 05.01			329 28 04	45 01 50		229304
18018	CHINA LAKE-C, CAL	5073	9 08	3 48 06.01			2 38 52	52 10 32		229304
18398	KINGMAN, ARIZONA	5081	9 08	3 48 06.01			329 28 56	45 24 33		229304
18019	CHINA LAKE-C, CAL	5073	9 08	3 48 07.01			3 02 31	52 22 44		229304
18399	KINGMAN, ARIZONA	5081	9 08	3 48 07.01			329 25 15	45 42 21		229304
18020	CHINA LAKE-C, CAL	5073	9 08	3 48 08.01			3 32 40	52 46 20		229304
18400	KINGMAN, ARIZONA	5081	9 08	3 48 08.01			329 23 21	46 02 32		229304
18021	CHINA LAKE-C, CAL	5073	9 08	3 48 09.01			3 57 25	53 04 41		229304
18401	KINGMAN, ARIZONA	5081	9 08	3 48 09.01			329 22 17	46 23 13		229304
18022	CHINA LAKE-C, CAL	5073	9 08	3 48 10.01			4 25 47	53 02 06		229304
18402	KINGMAN, ARIZONA	5081	9 08	3 48 10.01			329 20 27	46 43 32		229304
18023	CHINA LAKE-C, CAL	5073	9 08	3 48 11.01			4 59 26	53 53 05		229304
18403	KINGMAN, ARIZONA	5081	9 08	3 48 11.01			329 18 40	47 04 41		229304
18404	KINGMAN, ARIZONA	5081	9 08	3 48 12.01			329 16 52	47 26 39		229304
18024	CHINA LAKE-C, CAL	5073	9 08	3 48 13.01			6 03 23	54 33 02		229304
18405	KINGMAN, ARIZONA	5081	9 08	3 48 13.01			329 14 29	47 48 43		229304
18025	CHINA LAKE-C, CAL	5073	9 08	3 48 14.01			6 30 28	54 53 52		229304
18406	KINGMAN, ARIZONA	5081	9 08	3 48 14.01			329 12 50	48 10 11		229304
18026	CHINA LAKE-C, CAL	5073	9 08	3 48 15.01			7 07 10	55 14 51		229304
18407	KINGMAN, ARIZONA	5081	9 08	3 48 15.01			329 11 07	48 32 13		229304
18027	CHINA LAKE-C, CAL	5073	9 08	3 48 16.01			7 40 35	55 34 53		229304
18408	KINGMAN, ARIZONA	5081	9 08	3 48 16.01			329 09 23	48 53 59		229304
18028	CHINA LAKE-C, CAL	5073	9 08	3 48 17.01			8 20 05	55 54 24		229304
18409	KINGMAN, ARIZONA	5081	9 08	3 48 17.01			329 06 19	49 16 22		229304
18410	KINGMAN, ARIZONA	5081	9 08	3 48 18.01			329 04 59	49 38 55		229304
18411	KINGMAN, ARIZONA	5081	9 08	3 48 19.01			329 02 57	50 02 19		229304
18029	CHINA LAKE-C, CAL	5073	9 08	3 48 20.01			10 02 51	56 56 03		229304
18412	KINGMAN, ARIZONA	5081	9 08	3 48 20.01			329 00 38	50 26 20		229304
18413	KINGMAN, ARIZONA	5081	9 08	3 48 21.01			328 57 55	50 48 44		229304
18030	CHINA LAKE-C, CAL	5073	9 08	3 48 22.01			11 26 33	57 36 01		229304
18414	KINGMAN, ARIZONA	5081	9 08	3 48 22.01			328 54 45	51 12 11		229304
18031	CHINA LAKE-C, CAL	5073	9 08	3 48 23.01			12 05 38	57 55 50		229304
18415	KINGMAN, ARIZONA	5081	9 08	3 48 23.01			328 52 48	51 37 04		229304
18032	CHINA LAKE-C, CAL	5073	9 08	3 48 24.01			12 48 33	58 15 48		229304
18416	KINGMAN, ARIZONA	5081	9 08	3 48 24.01			328 49 49	52 00 39		229304
18033	CHINA LAKE-C, CAL	5073	9 08	3 48 25.01			13 31 15	58 30 23		229304
18417	KINGMAN, ARIZONA	5081	9 08	3 48 25.01			328 47 17	52 24 48		229304
18034	CHINA LAKE-C, CAL	5073	9 08	3 48 26.01			14 15 18	58 55 58		229304
18418	KINGMAN, ARIZONA	5081	9 08	3 48 26.01			328 44 35	52 49 46		229304
18035	CHINA LAKE-C, CAL	5073	9 08	3 48 27.01			15 00 32	59 01 19		229304
18419	KINGMAN, ARIZONA	5081	9 08	3 48 27.01			328 42 18	53 14 00		229304
18036	CHINA LAKE-C, CAL	5073	9 08	3 48 28.01			15 49 17	59 34 52		229304
18420	KINGMAN, ARIZONA	5081	9 08	3 48 28.01			328 39 14	53 39 22		229304
18037	CHINA LAKE-C, CAL	5073	9 08	3 48 29.01			16 38 19	59 54 03		229304
18421	KINGMAN, ARIZONA	5081	9 08	3 48 29.01			328 36 36	54 04 47		229304
18038	CHINA LAKE-C, CAL	5073	9 08	3 48 30.01			17 25 39	60 12 25		229304
18422	KINGMAN, ARIZONA	5081	9 08	3 48 30.01			328 33 05	54 32 50		229304
18039	CHINA LAKE-C, CAL	5073	9 08	3 48 31.01			18 23 04	60 32 43		229304
18423	KINGMAN, ARIZONA	5081	9 08	3 48 31.01			328 30 08	54 56 41		229304
18040	CHINA LAKE-C, CAL	5073	9 08	3 48 32.01			19 18 16	60 48 17		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
18424	KINGMAN, ARIZONA	5081	9 08	3 48 32.01			328 26 51	55 22 41		229304
18041	CHINA LAKE-C, CAL	5073	9 08	3 48 33.01			20 06 04	61 07 30		229304
18425	KINGMAN, ARIZONA	5081	9 08	3 48 33.01			328 23 17	55 49 31		229304
18042	CHINA LAKE-C, CAL	5073	9 08	3 48 34.01			20 58 26	61 27 53		229304
18426	KINGMAN, ARIZONA	5081	9 08	3 48 34.01			328 19 10	56 15 45		229304
18043	CHINA LAKE-C, CAL	5073	9 08	3 48 35.01			21 48 00	61 46 11		229304
18427	KINGMAN, ARIZONA	5081	9 08	3 48 35.01			328 15 57	56 42 20		229304
18044	CHINA LAKE-C, CAL	5073	9 08	3 48 36.01			22 52 40	62 05 04		229304
18428	KINGMAN, ARIZONA	5081	9 08	3 48 36.01			328 11 48	57 10 24		229304
18045	CHINA LAKE-C, CAL	5073	9 08	3 48 37.01			23 53 36	62 23 57		229304
18429	KINGMAN, ARIZONA	5081	9 08	3 48 37.01			328 08 17	57 37 40		229304
18046	CHINA LAKE-C, CAL	5073	9 08	3 48 38.01			24 48 42	62 32 51		229304
18430	KINGMAN, ARIZONA	5081	9 08	3 48 38.01			328 03 58	58 05 34		229304
18047	CHINA LAKE-C, CAL	5073	9 08	3 48 39.01			25 53 24	62 56 36		229304
18431	KINGMAN, ARIZONA	5081	9 08	3 48 39.01			327 59 29	58 33 18		229304
18432	KINGMAN, ARIZONA	5081	9 08	3 48 40.01			327 55 00	59 02 48		229304
18048	CHINA LAKE-C, CAL	5073	9 08	3 48 41.01			27 51 44	63 26 41		229304
18433	KINGMAN, ARIZONA	5081	9 08	3 48 41.01			327 51 09	59 30 27		229304
18049	CHINA LAKE-C, CAL	5073	9 08	3 48 42.01			29 15 31	63 44 27		229304
18434	KINGMAN, ARIZONA	5081	9 08	3 48 42.01			327 46 13	59 59 46		229304
18050	CHINA LAKE-C, CAL	5073	9 08	3 48 43.01			30 19 53	63 58 27		229304
18435	KINGMAN, ARIZONA	5081	9 08	3 48 43.01			327 41 13	60 28 35		229304
18436	KINGMAN, ARIZONA	5081	9 08	3 48 44.01			327 35 50	60 58 04		229304
18437	KINGMAN, ARIZONA	5081	9 08	3 48 45.01			327 30 31	61 27 49		229304
18051	CHINA LAKE-C, CAL	5073	9 08	3 48 46.01			33 53 08	64 40 06		229304
18438	KINGMAN, ARIZONA	5081	9 08	3 48 46.01			327 24 16	62 00 11		229304
18052	CHINA LAKE-C, CAL	5073	9 08	3 48 47.01			35 10 58	64 51 28		229304
18439	KINGMAN, ARIZONA	5081	9 08	3 48 47.01			327 20 02	62 28 46		229304
18440	KINGMAN, ARIZONA	5081	9 08	3 48 48.01			327 13 18	62 58 22		229304
18053	CHINA LAKE-C, CAL	5073	9 08	3 48 49.01			37 42 59	65 17 08		229304
18441	KINGMAN, ARIZONA	5081	9 08	3 48 49.01			327 06 25	63 29 06		229304
18054	CHINA LAKE-C, CAL	5073	9 08	3 48 50.01			38 07 58	65 33 44		229304
18442	KINGMAN, ARIZONA	5081	9 08	3 48 50.01			327 00 26	64 00 48		229304
18055	CHINA LAKE-C, CAL	5073	9 08	3 48 51.01			40 25 33	65 39 47		229304
18443	KINGMAN, ARIZONA	5081	9 08	3 48 51.01			326 53 40	64 31 23		229304
18444	KINGMAN, ARIZONA	5081	9 08	3 48 52.01			326 46 56	65 01 57		229304
18056	CHINA LAKE-C, CAL	5073	9 08	3 48 53.01			43 03 18	65 56 32		229304
18445	KINGMAN, ARIZONA	5081	9 08	3 48 53.01			326 40 11	65 32 57		229304
18057	CHINA LAKE-C, CAL	5073	9 08	3 48 54.01			44 34 53	66 04 26		229304
18446	KINGMAN, ARIZONA	5081	9 08	3 48 54.01			326 34 54	66 05 41		229304
18058	CHINA LAKE-C, CAL	5073	9 08	3 48 55.01			46 03 12	66 13 09		229304
18447	KINGMAN, ARIZONA	5081	9 08	3 48 55.01			326 20 38	66 38 26		229304
18059	CHINA LAKE-C, CAL	5073	9 08	3 48 56.01			46 56 07	66 26 47		229304
18448	KINGMAN, ARIZONA	5081	9 08	3 48 56.01			325 58 51	67 10 05		229304
18060	CHINA LAKE-C, CAL	5073	9 08	3 48 57.01			48 54 27	66 26 32		229304
18449	KINGMAN, ARIZONA	5081	9 08	3 48 57.01			325 59 14	67 48 59		229304
18450	KINGMAN, ARIZONA	5081	9 08	3 48 58.01			325 51 52	68 17 42		229304
18061	CHINA LAKE-C, CAL	5073	9 08	3 48 59.01			51 56 05	66 33 02		229304
18451	KINGMAN, ARIZONA	5081	9 08	3 48 59.01			325 39 28	68 52 20		229304
18452	KINGMAN, ARIZONA	5081	9 08	3 49 00.01			325 29 43	69 25 15		229304
18062	CHINA LAKE-C, CAL	5073	9 08	3 49 01.01			54 51 49	66 40 25		229304
18453	KINGMAN, ARIZONA	5081	9 08	3 49 01.01			325 16 38	69 59 23		229304
18063	CHINA LAKE-C, CAL	5073	9 08	3 49 02.01			56 32 23	66 42 17		229304
18454	KINGMAN, ARIZONA	5081	9 08	3 49 02.01			325 04 31	70 34 08		229304
18064	CHINA LAKE-C, CAL	5073	9 08	3 49 03.01			57 55 55	66 42 41		229304
18455	KINGMAN, ARIZONA	5081	9 08	3 49 03.01			324 50 26	71 08 05		229304
18065	CHINA LAKE-C, CAL	5073	9 08	3 49 04.01			59 28 02	66 42 30		229304
18456	KINGMAN, ARIZONA	5081	9 08	3 49 04.01			324 29 55	71 43 54		229304
18066	CHINA LAKE-C, CAL	5073	9 08	3 49 05.01			60 54 45	66 40 57		229304
18457	KINGMAN, ARIZONA	5081	9 08	3 49 05.01			324 24 03	72 15 34		229304
18067	CHINA LAKE-C, CAL	5073	9 08	3 49 06.01			62 30 16	66 39 00		229304
18458	KINGMAN, ARIZONA	5081	9 08	3 49 06.01			324 03 04	72 54 44		229304
18068	CHINA LAKE-C, CAL	5073	9 08	3 49 07.01			64 00 30	66 36 28		229304
18459	KINGMAN, ARIZONA	5081	9 08	3 49 07.01			323 43 46	73 30 06		229304
18460	KINGMAN, ARIZONA	5081	9 08	3 49 08.01			323 26 18	74 02 24		229304
18461	KINGMAN, ARIZONA	5081	9 08	3 49 09.01			14 31 42	74 39 50		229304
18069	CHINA LAKE-C, CAL	5073	9 08	3 49 10.01			68 28 18	66 22 03		229304
18462	KINGMAN, ARIZONA	5081	9 08	3 49 10.01			14 08 28	75 15 27		229304
18070	CHINA LAKE-C, CAL	5073	9 08	3 49 11.01			69 59 11	66 15 20		229304
18463	KINGMAN, ARIZONA	5081	9 08	3 49 11.01			64 35 50	75 51 38		229304
18464	KINGMAN, ARIZONA	5081	9 08	3 49 12.01			321 46 13	76 28 20		229304
18465	KINGMAN, ARIZONA	5081	9 08	3 49 13.01			321 14 36	77 04 40		229304
18466	KINGMAN, ARIZONA	5081	9 08	3 49 14.01			320 40 33	77 40 53		229304
18467	KINGMAN, ARIZONA	5081	9 08	3 49 15.01			320 04 37	78 16 46		229304
18468	KINGMAN, ARIZONA	5081	9 08	3 49 16.01			319 22 18	78 54 34		229304
18469	KINGMAN, ARIZONA	5081	9 08	3 49 17.01			318 34 24	79 31 53		229304
18470	KINGMAN, ARIZONA	5081	9 08	3 49 18.01			317 22 19	80 06 22		229304
18471	KINGMAN, ARIZONA	5081	9 08	3 49 19.01			316 42 37	80 42 26		229304
18071	CHINA LAKE-C, CAL	5073	9 08	3 49 21.01			84 06 47	64 48 33		229304
18472	KINGMAN, ARIZONA	5081	9 08	3 49 21.01			314 09 47	81 59 40		229304
18072	CHINA LAKE-C, CAL	5073	9 08	3 49 22.01			85 06 05	64 23 19		229304
18473	KINGMAN, ARIZONA	5081	9 08	3 49 22.01			312 40 05	82 34 02		229304
18073	CHINA LAKE-C, CAL	5073	9 08	3 49 23.01			86 27 11	63 58 08		229304
18474	KINGMAN, ARIZONA	5081	9 08	3 49 23.01			310 30 38	83 16 29		229304
18475	KINGMAN, ARIZONA	5081	9 08	3 49 24.01			307 56 06	83 48 41		229304
18476	KINGMAN, ARIZONA	5081	9 08	3 49 25.01			305 48 36	84 24 26		229304
18074	CHINA LAKE-C, CAL	5073	9 08	3 49 35.01			99 15 50	60 14 04		229304
18075	CHINA LAKE-C, CAL	5073	9 08	3 49 36.01			100 13 10	59 50 17		229304
18477	KINGMAN, ARIZONA	5081	9 08	3 49 36.01			288 49 53	87 39 59		229304
18478	KINGMAN, ARIZONA	5081	9 08	3 49 37.01			289 07 40	87 34 47		229304
18479	KINGMAN, ARIZONA	5081	9 08	3 49 38.01			289 01 46	87 36 50		229304
18480	KINGMAN, ARIZONA	5081	9 08	3 49 39.01			289 11 24	87 36 11		229304
18076	CHINA LAKE-C, CAL	5073	9 08	3 49 41.01			104 47 37	58 18 52		229304
18077	CHINA LAKE-C, CAL	5073	9 08	3 49 43.01			106 35 49	57 33 05		229304
18078	CHINA LAKE-C, CAL	5073	9 08	3 49 47.01			108 35 31	55 59 50		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
18079	CHINA LAKE-C, CAL	5073	9 08	3 49 53.01			112 05 44	53 42 45		229304
18080	CHINA LAKE-C, CAL	5073	9 08	3 49 55.01			113 12 03	52 46 20		229304
18081	CHINA LAKE-C, CAL	5073	9 08	3 49 56.01			113 45 11	52 21 38		229304
18082	CHINA LAKE-C, CAL	5073	9 08	3 50 09.01			119 47 58	49 13 40		229304
18083	CHINA LAKE-C, CAL	5073	9 09	4 09 55.01			305 48 41	26 20 21		229304
18084	CHINA LAKE-C, CAL	5073	9 09	4 09 56.01			305 40 58	26 29 10		229304
18085	CHINA LAKE-C, CAL	5073	9 09	4 09 57.01			305 39 02	26 38 28		229304
18086	CHINA LAKE-C, CAL	5073	9 09	4 09 58.01			305 19 20	26 46 40		229304
18087	CHINA LAKE-C, CAL	5073	9 09	4 09 59.01			305 08 20	26 55 38		229304
18088	CHINA LAKE-C, CAL	5073	9 09	4 10 00.01			304 57 30	27 04 54		229304
18089	CHINA LAKE-C, CAL	5073	9 09	4 10 01.01			304 46 39	27 13 55		229304
18090	CHINA LAKE-C, CAL	5073	9 09	4 10 02.01			304 38 10	27 23 34		229304
18091	CHINA LAKE-C, CAL	5073	9 09	4 10 03.01			304 23 38	27 29 31		229304
18092	CHINA LAKE-C, CAL	5073	9 09	4 10 04.01			304 11 24	27 40 32		229304
18093	CHINA LAKE-C, CAL	5073	9 09	4 10 05.01			303 59 30	27 49 27		229304
18094	CHINA LAKE-C, CAL	5073	9 09	4 10 06.01			303 47 30	27 58 25		229304
18095	CHINA LAKE-C, CAL	5073	9 09	4 10 07.01			303 35 21	28 07 26		229304
18096	CHINA LAKE-C, CAL	5073	9 09	4 10 08.01			303 24 13	28 17 29		229304
18097	CHINA LAKE-C, CAL	5073	9 09	4 10 09.01			303 11 42	28 28 08		229304
18098	CHINA LAKE-C, CAL	5073	9 09	4 10 10.01			302 59 52	28 35 57		229304
18099	CHINA LAKE-C, CAL	5073	9 09	4 10 11.01			302 52 02	28 45 30		229304
18100	CHINA LAKE-C, CAL	5073	9 09	4 10 12.01			302 35 44	28 55 21		229304
18101	CHINA LAKE-C, CAL	5073	9 09	4 10 13.01			302 24 18	29 05 41		229304
18102	CHINA LAKE-C, CAL	5073	9 09	4 10 14.01			302 09 22	29 14 44		229304
18103	CHINA LAKE-C, CAL	5073	9 09	4 10 15.01			301 53 40	29 22 41		229304
18104	CHINA LAKE-C, CAL	5073	9 09	4 10 16.01			301 40 19	29 30 03		229304
18105	CHINA LAKE-C, CAL	5073	9 09	4 10 17.01			301 27 38	29 41 46		229304
18106	CHINA LAKE-C, CAL	5073	9 09	4 10 18.01			301 07 07	29 49 29		229304
18107	CHINA LAKE-C, CAL	5073	9 09	4 10 19.01			300 51 10	30 00 30		229304
18108	CHINA LAKE-C, CAL	5073	9 09	4 10 20.01			300 39 10	30 12 59		229304
18109	CHINA LAKE-C, CAL	5073	9 09	4 10 21.01			300 33 56	30 21 12		229304
18110	CHINA LAKE-C, CAL	5073	9 09	4 10 22.01			300 12 29	30 29 09		229304
18111	CHINA LAKE-C, CAL	5073	9 09	4 10 23.01			300 07 18	30 41 26		229304
18112	CHINA LAKE-C, CAL	5073	9 09	4 10 24.01			299 57 18	30 46 45		229304
18113	CHINA LAKE-C, CAL	5073	9 09	4 10 25.01			299 34 19	31 01 49		229304
18481	KINGMAN, ARIZONA	5081	9 09	4 14 26.79			299 06 02	20 16 57		229304
18482	KINGMAN, ARIZONA	5081	9 09	4 14 27.78			299 03 39	20 23 34		229304
18483	KINGMAN, ARIZONA	5081	9 09	4 14 28.78			299 01 16	20 24 36		229304
18484	KINGMAN, ARIZONA	5081	9 09	4 14 29.77			298 40 26	20 24 29		229304
18485	KINGMAN, ARIZONA	5081	9 09	4 14 30.76			298 18 14	20 34 54		229304
18486	KINGMAN, ARIZONA	5081	9 09	4 14 31.75			298 11 31	20 44 04		229304
18487	KINGMAN, ARIZONA	5081	9 09	4 14 32.75			298 06 11	20 49 46		229304
18488	KINGMAN, ARIZONA	5081	9 09	4 14 33.74			297 53 12	20 54 24		229304
18489	KINGMAN, ARIZONA	5081	9 09	4 14 34.73			297 49 58	21 05 07		229304
18490	KINGMAN, ARIZONA	5081	9 09	4 14 35.72			297 24 44	20 53 04		229304
18491	KINGMAN, ARIZONA	5081	9 09	4 14 36.71			297 24 57	21 11 51		229304
18492	KINGMAN, ARIZONA	5081	9 09	4 14 37.71			296 59 28	21 15 27		229304
18493	KINGMAN, ARIZONA	5081	9 09	4 14 38.70			296 56 38	21 24 29		229304
18494	KINGMAN, ARIZONA	5081	9 09	4 14 39.69			296 26 07	21 31 19		229304
18495	KINGMAN, ARIZONA	5081	9 09	4 14 40.68			296 32 35	21 44 09		229304
18496	KINGMAN, ARIZONA	5081	9 09	4 14 41.67			296 11 58	21 42 41		229304
18497	KINGMAN, ARIZONA	5081	9 09	4 14 42.67			296 08 09	21 54 18		229304
18498	KINGMAN, ARIZONA	5081	9 09	4 14 43.66			295 57 29	21 59 27		229304
18499	KINGMAN, ARIZONA	5081	9 09	4 14 44.65			295 47 37	22 01 16		229304
18500	KINGMAN, ARIZONA	5081	9 09	4 14 45.64			295 29 07	22 03 11		229304
18501	KINGMAN, ARIZONA	5081	9 09	4 14 46.63			295 19 22	22 08 00		229304
18502	KINGMAN, ARIZONA	5081	9 09	4 14 47.63			295 12 31	22 17 23		229304
18503	KINGMAN, ARIZONA	5081	9 09	4 14 48.62			294 53 05	22 17 54		229304
18504	KINGMAN, ARIZONA	5081	9 09	4 14 49.61			294 43 00	22 29 10		229304
18505	KINGMAN, ARIZONA	5081	9 09	4 16 30.80			250 02 06	31 30 06		229304
18506	KINGMAN, ARIZONA	5081	9 09	4 16 31.79			249 29 39	31 26 12		229304
18507	KINGMAN, ARIZONA	5081	9 09	4 16 32.78			248 59 38	31 28 50		229304
18508	KINGMAN, ARIZONA	5081	9 09	4 16 33.78			248 26 55	31 27 02		229304
18509	KINGMAN, ARIZONA	5081	9 09	4 16 34.77			248 08 17	31 26 20		229304
18510	KINGMAN, ARIZONA	5081	9 09	4 16 35.76			247 38 30	31 25 01		229304
18511	KINGMAN, ARIZONA	5081	9 09	4 16 36.75			246 57 38	31 26 44		229304
18512	KINGMAN, ARIZONA	5081	9 09	4 16 37.75			246 42 10	31 24 16		229304
18513	KINGMAN, ARIZONA	5081	9 09	4 16 38.74			246 20 54	31 23 30		229304
18514	KINGMAN, ARIZONA	5081	9 09	4 16 39.73			245 44 17	31 22 51		229304
18515	KINGMAN, ARIZONA	5081	9 09	4 16 40.72			245 14 42	31 18 30		229304
18717	CHINA LAKE-C, CAL.	5073	9 10	2 53 04.01			7 41 44	29 16 48		229304
18718	CHINA LAKE-C, CAL.	5073	9 10	2 53 05.01			7 54 26	29 20 12		229304
18719	CHINA LAKE-C, CAL.	5073	9 10	2 53 06.01			8 10 05	29 27 25		229304
18720	CHINA LAKE-C, CAL.	5073	9 10	2 53 07.01			8 26 12	29 36 15		229304
18721	CHINA LAKE-C, CAL.	5073	9 10	2 53 09.01			8 58 11	29 52 14		229304
18722	CHINA LAKE-C, CAL.	5073	9 10	2 53 11.01			9 27 41	30 07 25		229304
18723	CHINA LAKE-C, CAL.	5073	9 10	2 53 12.01			9 45 12	30 15 45		229304
18724	CHINA LAKE-C, CAL.	5073	9 10	2 53 13.01			10 00 58	30 23 12		229304
18725	CHINA LAKE-C, CAL.	5073	9 10	2 53 14.01			10 17 41	30 31 45		229304
18726	CHINA LAKE-C, CAL.	5073	9 10	2 53 15.01			10 33 59	30 39 54		229304
18727	CHINA LAKE-C, CAL.	5073	9 10	2 53 16.01			10 50 41	30 47 25		229304
18728	CHINA LAKE-C, CAL.	5073	9 10	2 53 17.01			11 07 52	30 55 28		229304
18729	CHINA LAKE-C, CAL.	5073	9 10	2 53 18.01			11 24 57	31 03 35		229304
18730	CHINA LAKE-C, CAL.	5073	9 10	2 53 19.01			11 41 34	31 11 36		229304
18731	CHINA LAKE-C, CAL.	5073	9 10	2 53 20.01			11 59 54	31 19 19		229304
18732	CHINA LAKE-C, CAL.	5073	9 10	2 53 21.01			12 17 16	31 27 28		229304
18733	CHINA LAKE-C, CAL.	5073	9 10	2 53 22.01			12 35 02	31 35 51		229304
18734	CHINA LAKE-C, CAL.	5073	9 10	2 53 23.01			12 55 00	31 43 36		229304
18735	CHINA LAKE-C, CAL.	5073	9 10	2 53 24.01			13 12 26	31 52 04		229304
18736	CHINA LAKE-C, CAL.	5073	9 10	2 53 25.01			13 30 18	32 00 23		229304
18737	CHINA LAKE-C, CAL.	5073	9 10	2 53 26.01			13 48 47	32 07 18		229304
18738	CHINA LAKE-C, CAL.	5073	9 10	2 53 27.01			14 07 56	32 15 47		229304
18739	CHINA LAKE-C, CAL.	5073	9 10	2 53 28.01			14 26 51	32 23 47		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
18740	CHINA LAKE-C, CAL.	5073	9 10	2 53 29.01			14 45 27	32 31 22		229304
18741	CHINA LAKE-C, CAL.	5073	9 10	2 53 30.01			15 04 44	32 39 52		229304
18742	CHINA LAKE-C, CAL.	5073	9 10	2 53 31.01			15 23 41	32 47 46		229304
18743	CHINA LAKE-C, CAL.	5073	9 10	2 53 32.01			15 43 31	32 55 05		229304
18744	CHINA LAKE-C, CAL.	5073	9 10	2 53 33.01			16 03 21	33 03 52		229304
18745	CHINA LAKE-C, CAL.	5073	9 10	2 53 34.01			16 23 34	33 11 06		229304
18516	KINGMAN, ARIZONA	5081	9 10	2 53 35.01			356 44 57	33 35 52		229304
18746	CHINA LAKE-C, CAL.	5073	9 10	2 53 35.01			16 41 47	33 19 07		229304
18517	KINGMAN, ARIZONA	5081	9 10	2 53 36.01			357 11 53	33 38 41		229304
18747	CHINA LAKE-C, CAL.	5073	9 10	2 53 36.01			17 04 09	33 25 43		229304
18518	KINGMAN, ARIZONA	5081	9 10	2 53 37.01			357 11 12	33 59 33		229304
18748	CHINA LAKE-C, CAL.	5073	9 10	2 53 37.01			17 24 02	33 35 17		229304
18519	KINGMAN, ARIZONA	5081	9 10	2 53 38.01			357 23 41	34 11 11		229304
18749	CHINA LAKE-C, CAL.	5073	9 10	2 53 38.01			17 44 22	33 42 20		229304
18520	KINGMAN, ARIZONA	5081	9 10	2 53 39.01			357 37 43	34 23 05		229304
18750	CHINA LAKE-C, CAL.	5073	9 10	2 53 39.01			18 04 49	33 50 36		229304
18521	KINGMAN, ARIZONA	5081	9 10	2 53 40.01			357 50 03	34 34 54		229304
18751	CHINA LAKE-C, CAL.	5073	9 10	2 53 40.01			18 25 25	33 57 46		229304
18522	KINGMAN, ARIZONA	5081	9 10	2 53 41.01			358 05 11	34 46 44		229304
18752	CHINA LAKE-C, CAL.	5073	9 10	2 53 41.01			18 48 26	34 05 56		229304
18523	KINGMAN, ARIZONA	5081	9 10	2 53 42.01			358 18 17	34 58 49		229304
18753	CHINA LAKE-C, CAL.	5073	9 10	2 53 42.01			19 11 19	34 13 41		229304
18524	KINGMAN, ARIZONA	5081	9 10	2 53 43.01			358 32 27	35 10 54		229304
18754	CHINA LAKE-C, CAL.	5073	9 10	2 53 43.01			19 32 02	34 21 15		229304
18755	CHINA LAKE-C, CAL.	5073	9 10	2 53 44.01			19 53 48	33 59 00		229304
18525	KINGMAN, ARIZONA	5081	9 10	2 53 45.01			359 01 49	35 35 41		229304
18756	CHINA LAKE-C, CAL.	5073	9 10	2 53 45.01			20 15 35	34 37 07		229304
18526	KINGMAN, ARIZONA	5081	9 10	2 53 46.01			359 15 56	35 45 17		229304
18757	CHINA LAKE-C, CAL.	5073	9 10	2 53 46.01			20 38 10	34 44 10		229304
18527	KINGMAN, ARIZONA	5081	9 10	2 53 47.01			359 30 00	36 00 15		229304
18758	CHINA LAKE-C, CAL.	5073	9 10	2 53 47.01			21 00 01	34 51 53		229304
18528	KINGMAN, ARIZONA	5081	9 10	2 53 48.01			359 45 37	36 11 02		229304
18759	CHINA LAKE-C, CAL.	5073	9 10	2 53 48.01			21 24 55	34 58 21		229304
18529	KINGMAN, ARIZONA	5081	9 10	2 53 49.01			0 00 45	36 24 27		229304
18760	CHINA LAKE-C, CAL.	5073	9 10	2 53 49.01			21 46 51	35 07 19		229304
18530	KINGMAN, ARIZONA	5081	9 10	2 53 50.01			0 16 20	36 39 35		229304
18761	CHINA LAKE-C, CAL.	5073	9 10	2 53 50.01			22 10 15	35 13 50		229304
18531	KINGMAN, ARIZONA	5081	9 10	2 53 51.01			0 31 22	36 48 58		229304
18762	CHINA LAKE-C, CAL.	5073	9 10	2 53 51.01			22 34 18	35 22 11		229304
18532	KINGMAN, ARIZONA	5081	9 10	2 53 52.01			0 49 54	37 03 35		229304
18763	CHINA LAKE-C, CAL.	5073	9 10	2 53 52.01			22 58 48	35 29 26		229304
18533	KINGMAN, ARIZONA	5081	9 10	2 53 53.01			1 03 53	37 14 58		229304
18764	CHINA LAKE-C, CAL.	5073	9 10	2 53 53.01			23 20 38	35 36 30		229304
18534	KINGMAN, ARIZONA	5081	9 10	2 53 54.01			1 20 27	37 26 49		229304
18765	CHINA LAKE-C, CAL.	5073	9 10	2 53 54.01			23 45 56	35 43 56		229304
18535	KINGMAN, ARIZONA	5081	9 10	2 53 55.01			1 37 56	37 40 27		229304
18766	CHINA LAKE-C, CAL.	5073	9 10	2 53 55.01			24 04 49	35 50 09		229304
18536	KINGMAN, ARIZONA	5081	9 10	2 53 56.01			1 53 15	37 53 03		229304
18767	CHINA LAKE-C, CAL.	5073	9 10	2 53 56.01			24 33 48	35 57 27		229304
18537	KINGMAN, ARIZONA	5081	9 10	2 53 57.01			2 10 21	38 05 58		229304
18768	CHINA LAKE-C, CAL.	5073	9 10	2 53 57.01			24 58 48	36 04 40		229304
18538	KINGMAN, ARIZONA	5081	9 10	2 53 58.01			104 49 46	38 18 47		229304
18769	CHINA LAKE-C, CAL.	5073	9 10	2 53 58.01			25 23 27	36 11 13		229304
18539	KINGMAN, ARIZONA	5081	9 10	2 53 59.01			105 05 19	38 32 54		229304
18770	CHINA LAKE-C, CAL.	5073	9 10	2 53 59.01			25 49 12	36 18 33		229304
18540	KINGMAN, ARIZONA	5081	9 10	2 54 00.01			54 30 26	38 46 48		229304
18771	CHINA LAKE-C, CAL.	5073	9 10	2 54 00.01			26 13 10	36 25 20		229304
18541	KINGMAN, ARIZONA	5081	9 10	2 54 01.01			3 20 29	38 59 39		229304
18772	CHINA LAKE-C, CAL.	5073	9 10	2 54 01.01			26 38 13	36 32 43		229304
18542	KINGMAN, ARIZONA	5081	9 10	2 54 02.01			3 37 36	39 14 17		229304
18773	CHINA LAKE-C, CAL.	5073	9 10	2 54 02.01			27 04 11	36 38 51		229304
18543	KINGMAN, ARIZONA	5081	9 10	2 54 03.01			3 58 47	39 24 23		229304
18774	CHINA LAKE-C, CAL.	5073	9 10	2 54 03.01			27 31 32	36 45 23		229304
18544	KINGMAN, ARIZONA	5081	9 10	2 54 04.01			27 56 24	36 52 36		229304
18775	CHINA LAKE-C, CAL.	5073	9 10	2 54 04.01			4 38 26	39 51 38		229304
18545	KINGMAN, ARIZONA	5081	9 10	2 54 05.01			28 21 34	36 59 10		229304
18776	CHINA LAKE-C, CAL.	5073	9 10	2 54 06.01			4 56 03	40 04 08		229304
18546	KINGMAN, ARIZONA	5081	9 10	2 54 06.01			28 50 31	37 05 14		229304
18777	CHINA LAKE-C, CAL.	5073	9 10	2 54 07.01			5 17 12	40 18 15		229304
18547	KINGMAN, ARIZONA	5081	9 10	2 54 07.01			29 17 01	37 10 53		229304
18778	CHINA LAKE-C, CAL.	5073	9 10	2 54 08.01			5 32 37	40 31 03		229304
18548	KINGMAN, ARIZONA	5081	9 10	2 54 08.01			29 44 06	37 17 28		229304
18779	CHINA LAKE-C, CAL.	5073	9 10	2 54 08.01			5 53 52	40 45 50		229304
18549	KINGMAN, ARIZONA	5081	9 10	2 54 09.01			30 12 36	37 23 38		229304
18780	CHINA LAKE-C, CAL.	5073	9 10	2 54 10.01			6 16 02	41 00 10		229304
18550	KINGMAN, ARIZONA	5081	9 10	2 54 10.01			30 38 12	37 30 03		229304
18781	CHINA LAKE-C, CAL.	5073	9 10	2 54 11.01			6 35 50	41 12 33		229304
18551	KINGMAN, ARIZONA	5081	9 10	2 54 11.01			31 02 51	37 35 54		229304
18782	CHINA LAKE-C, CAL.	5073	9 10	2 54 12.01			6 56 40	41 28 43		229304
18552	KINGMAN, ARIZONA	5081	9 10	2 54 12.01			31 33 02	37 41 33		229304
18783	CHINA LAKE-C, CAL.	5073	9 10	2 54 13.01			7 20 20	41 40 01		229304
18553	KINGMAN, ARIZONA	5081	9 10	2 54 13.01			32 03 38	37 47 49		229304
18784	CHINA LAKE-C, CAL.	5073	9 10	2 54 14.01			32 30 04	37 52 20		229304
18554	KINGMAN, ARIZONA	5081	9 10	2 54 15.01			32 59 17	37 58 31		229304
18785	CHINA LAKE-C, CAL.	5073	9 10	2 54 16.01			33 29 39	38 04 13		229304
18555	KINGMAN, ARIZONA	5081	9 10	2 54 17.01			33 58 42	38 08 52		229304
18786	CHINA LAKE-C, CAL.	5073	9 10	2 54 18.01			34 20 44	38 14 57		229304
18556	KINGMAN, ARIZONA	5081	9 10	2 54 19.01			34 54 20	38 19 01		229304
18787	CHINA LAKE-C, CAL.	5073	9 10	2 54 20.01			35 22 31	38 25 49		229304
18557	KINGMAN, ARIZONA	5081	9 10	2 54 21.01			35 54 26	38 30 09		229304
18788	CHINA LAKE-C, CAL.	5073	9 10	2 54 22.01			36 22 07	38 34 39		229304
18558	KINGMAN, ARIZONA	5081	9 10	2 54 23.01			36 55 40	38 39 20		229304
18789	CHINA LAKE-C, CAL.	5073	9 10	2 54 24.01			37 24 04	38 43 54		229304
18559	KINGMAN, ARIZONA	5081	9 10	2 54 25.01			37 54 17	38 47 13		229304
18790	CHINA LAKE-C, CAL.	5073	9 10	2 54 26.01			38 22 58	38 53 01		229304

DBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
18798	CHINA LAKE-C, CAL.	5073	9 10	2 54 27.01			38 57 24	38 56 42		229304
18799	CHINA LAKE-C, CAL.	5073	9 10	2 54 28.01			39 28 29	39 00 14		229304
18800	CHINA LAKE-C, CAL.	5073	9 10	2 54 29.01			39 59 22	39 03 52		229304
18801	CHINA LAKE-C, CAL.	5073	9 10	2 54 30.01			40 27 06	39 08 30		229304
18802	CHINA LAKE-C, CAL.	5073	9 10	2 54 31.01			41 01 52	39 11 31		229304
18803	CHINA LAKE-C, CAL.	5073	9 10	2 54 32.01			41 33 08	39 14 53		229304
18804	CHINA LAKE-C, CAL.	5073	9 10	2 54 33.01			42 04 11	39 18 23		229304
18805	CHINA LAKE-C, CAL.	5073	9 10	2 54 34.01			42 08 00	39 25 43		229304
18806	CHINA LAKE-C, CAL.	5073	9 10	2 54 35.01			43 08 45	39 23 53		229304
18807	CHINA LAKE-C, CAL.	5073	9 10	2 54 36.01			43 41 41	39 27 13		229304
18808	CHINA LAKE-C, CAL.	5073	9 10	2 54 37.01			44 12 19	39 29 31		229304
18809	CHINA LAKE-C, CAL.	5073	9 10	2 54 38.01			44 46 11	39 32 06		229304
18810	CHINA LAKE-C, CAL.	5073	9 10	2 54 39.01			45 17 52	39 35 55		229304
18811	CHINA LAKE-C, CAL.	5073	9 10	2 54 40.01			45 50 59	39 36 58		229304
18812	CHINA LAKE-C, CAL.	5073	9 10	2 54 41.01			46 23 26	39 39 13		229304
18813	CHINA LAKE-C, CAL.	5073	9 10	2 54 42.01			46 56 13	39 40 34		229304
18814	CHINA LAKE-C, CAL.	5073	9 10	2 54 43.01			47 28 53	39 41 56		229304
18815	CHINA LAKE-C, CAL.	5073	9 10	2 54 44.01			48 05 11	39 43 49		229304
18816	CHINA LAKE-C, CAL.	5073	9 10	2 54 45.01			48 37 10	39 45 43		229304
18817	CHINA LAKE-C, CAL.	5073	9 10	2 54 46.01			49 09 52	39 45 40		229304
18853	KINGMAN, ARIZONA	5081	9 10	2 54 47.01			23 44 50	49 18 55		229304
18818	CHINA LAKE-C, CAL.	5073	9 10	2 54 47.01			49 42 05	39 47 20		229304
18819	CHINA LAKE-C, CAL.	5073	9 10	2 54 48.01			50 16 23	39 48 00		229304
18854	KINGMAN, ARIZONA	5081	9 10	2 54 49.01			25 08 18	49 43 38		229304
18820	CHINA LAKE-C, CAL.	5073	9 10	2 54 49.01			50 51 02	39 48 44		229304
18821	CHINA LAKE-C, CAL.	5073	9 10	2 54 50.01			51 36 56	39 51 43		229304
18822	CHINA LAKE-C, CAL.	5073	9 10	2 54 51.01			52 02 30	39 49 42		229304
18823	CHINA LAKE-C, CAL.	5073	9 10	2 54 52.01			52 18 12	39 42 53		229304
18824	CHINA LAKE-C, CAL.	5073	9 10	2 54 53.01			53 03 20	39 49 06		229304
18825	CHINA LAKE-C, CAL.	5073	9 10	2 54 59.01			56 29 34	39 44 48		229304
18826	CHINA LAKE-C, CAL.	5073	9 10	2 55 00.01			57 02 40	39 43 17		229304
18827	CHINA LAKE-C, CAL.	5073	9 10	2 55 01.01			57 35 26	39 42 02		229304
18828	CHINA LAKE-C, CAL.	5073	9 10	2 55 02.01			58 11 53	39 39 48		229304
18829	CHINA LAKE-C, CAL.	5073	9 10	2 55 03.01			58 45 40	39 38 16		229304
18830	CHINA LAKE-C, CAL.	5073	9 10	2 55 04.01			59 17 56	39 36 07		229304
18555	KINGMAN, ARIZONA	5081	9 10	2 55 05.01			36 47 36	52 32 29		229304
18831	CHINA LAKE-C, CAL.	5073	9 10	2 55 05.01			59 52 48	39 34 04		229304
18556	KINGMAN, ARIZONA	5081	9 10	2 55 06.01			37 34 21	52 41 13		229304
18557	KINGMAN, ARIZONA	5081	9 10	2 55 07.01			38 24 41	52 49 08		229304
18832	CHINA LAKE-C, CAL.	5073	9 10	2 55 07.01			60 43 07	39 28 27		229304
18558	KINGMAN, ARIZONA	5081	9 10	2 55 08.01			39 14 59	52 56 47		229304
18559	KINGMAN, ARIZONA	5081	9 10	2 55 09.01			40 04 30	53 04 22		229304
18833	CHINA LAKE-C, CAL.	5073	9 10	2 55 09.01			62 06 59	39 22 32		229304
18560	KINGMAN, ARIZONA	5081	9 10	2 55 10.01			40 54 22	53 11 00		229304
18561	KINGMAN, ARIZONA	5081	9 10	2 55 11.01			41 44 51	53 17 45		229304
18834	CHINA LAKE-C, CAL.	5073	9 10	2 55 11.01			63 13 49	39 15 55		229304
18562	KINGMAN, ARIZONA	5081	9 10	2 55 12.01			42 34 08	53 26 15		229304
18563	KINGMAN, ARIZONA	5081	9 10	2 55 13.01			43 28 55	53 30 37		229304
18564	KINGMAN, ARIZONA	5081	9 10	2 55 14.01			44 21 02	53 36 15		229304
18565	KINGMAN, ARIZONA	5081	9 10	2 55 15.01			45 13 12	53 41 19		229304
18566	KINGMAN, ARIZONA	5081	9 10	2 55 16.01			46 06 32	53 46 31		229304
18567	KINGMAN, ARIZONA	5081	9 10	2 55 17.01			47 02 00	53 50 31		229304
18568	KINGMAN, ARIZONA	5081	9 10	2 55 18.01			47 52 35	53 55 15		229304
18569	KINGMAN, ARIZONA	5081	9 10	2 55 19.01			48 46 55	53 58 34		229304
18570	KINGMAN, ARIZONA	5081	9 10	2 55 20.01			49 40 44	54 02 05		229304
18571	KINGMAN, ARIZONA	5081	9 10	2 55 21.01			50 35 55	54 04 31		229304
18572	KINGMAN, ARIZONA	5081	9 10	2 55 22.01			51 30 34	54 07 06		229304
18573	KINGMAN, ARIZONA	5081	9 10	2 55 23.01			52 42 15	54 07 48		229304
18574	KINGMAN, ARIZONA	5081	9 10	2 55 24.01			53 21 13	54 11 01		229304
18575	KINGMAN, ARIZONA	5081	9 10	2 55 25.01			54 17 45	54 12 19		229304
18576	KINGMAN, ARIZONA	5081	9 10	2 55 26.01			55 34 32	54 21 58		229304
18835	CHINA LAKE-C, CAL.	5073	9 10	2 55 26.01			71 25 31	38 05 18		229304
18577	KINGMAN, ARIZONA	5081	9 10	2 55 27.01			56 47 19	54 17 14		229304
18836	CHINA LAKE-C, CAL.	5073	9 10	2 55 27.01			71 57 54	37 58 56		229304
18578	KINGMAN, ARIZONA	5081	9 10	2 55 28.01			57 23 08	54 20 00		229304
18837	CHINA LAKE-C, CAL.	5073	9 10	2 55 28.01			71 50 07	37 57 14		229304
18579	KINGMAN, ARIZONA	5081	9 10	2 55 29.01			58 02 06	54 16 15		229304
18838	CHINA LAKE-C, CAL.	5073	9 10	2 55 29.01			72 59 35	37 46 31		229304
18580	KINGMAN, ARIZONA	5081	9 10	2 55 30.01			58 57 46	54 12 06		229304
18581	KINGMAN, ARIZONA	5081	9 10	2 55 31.01			59 57 01	54 16 44		229304
18582	KINGMAN, ARIZONA	5081	9 10	2 55 32.01			60 48 57	54 09 15		229304
18583	KINGMAN, ARIZONA	5081	9 10	2 55 33.01			61 41 33	54 05 25		229304
18584	KINGMAN, ARIZONA	5081	9 10	2 55 34.01			62 40 33	54 02 19		229304
18585	KINGMAN, ARIZONA	5081	9 10	2 55 35.01			63 32 40	54 03 53		229304
18586	KINGMAN, ARIZONA	5081	9 10	2 55 36.01			64 48 59	54 00 42		229304
18587	KINGMAN, ARIZONA	5081	9 10	2 55 37.01			65 26 19	53 52 21		229304
18588	KINGMAN, ARIZONA	5081	9 10	2 55 38.01			66 22 32	53 46 48		229304
18589	KINGMAN, ARIZONA	5081	9 10	2 55 39.01			67 17 08	53 42 00		229304
18590	KINGMAN, ARIZONA	5081	9 10	2 55 40.01			68 11 38	53 36 03		229304
18591	KINGMAN, ARIZONA	5081	9 10	2 55 41.01			69 05 10	53 29 44		229304
18592	KINGMAN, ARIZONA	5081	9 10	2 55 42.01			69 59 02	53 23 21		229304
18593	KINGMAN, ARIZONA	5081	9 10	2 55 43.01			70 50 53	53 16 19		229304
18594	KINGMAN, ARIZONA	5081	9 10	2 55 44.01			71 45 23	53 10 19		229304
18595	KINGMAN, ARIZONA	5081	9 10	2 55 45.01			72 51 57	53 08 28		229304
18596	KINGMAN, ARIZONA	5081	9 10	2 55 46.01			73 20 06	53 04 50		229304
18597	KINGMAN, ARIZONA	5081	9 10	2 55 47.01			74 09 07	52 55 40		229304
18598	KINGMAN, ARIZONA	5081	9 10	2 55 48.01			75 27 26	52 37 24		229304
18599	KINGMAN, ARIZONA	5081	9 10	2 55 49.01			76 24 43	52 33 21		229304
18600	KINGMAN, ARIZONA	5081	9 10	2 55 50.01			77 22 41	52 27 00		229304
18601	KINGMAN, ARIZONA	5081	9 10	2 55 51.01			77 56 10	52 20 54		229304
18602	KINGMAN, ARIZONA	5081	9 10	2 55 52.01			78 49 45	52 23 26		229304
18603	KINGMAN, ARIZONA	5081	9 10	2 55 53.01			79 51 18	51 56 31		229304
18604	KINGMAN, ARIZONA	5081	9 10	2 55 54.01			80 18 09	51 38 03		229304
18605	KINGMAN, ARIZONA	5081	9 10	2 55 55.01			81 05 55	51 26 09		229304
18606	KINGMAN, ARIZONA	5081	9 10	2 55 56.01			81 51 56	51 14 39		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
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18608	KINGMAN, ARIZONA	5081	9 10	2 55 58.01			83 27 30	50 51 29		229304
18609	KINGMAN, ARIZONA	5081	9 10	2 55 59.01			84 13 43	50 38 34		229304
18610	KINGMAN, ARIZONA	5081	9 10	2 56 00.01			84 58 26	50 25 46		229304
18611	KINGMAN, ARIZONA	5081	9 10	2 56 01.01			85 43 30	50 13 53		229304
18612	KINGMAN, ARIZONA	5081	9 10	2 56 02.01			86 28 14	50 00 29		229304
18613	KINGMAN, ARIZONA	5081	9 10	2 56 03.01			87 13 26	49 47 08		229304
18614	KINGMAN, ARIZONA	5081	9 10	2 56 04.01			87 55 53	49 33 14		229304
18615	KINGMAN, ARIZONA	5081	9 10	2 56 05.01			88 42 38	49 20 18		229304
18616	KINGMAN, ARIZONA	5081	9 10	2 56 06.01			89 19 12	49 05 33		229304
18617	KINGMAN, ARIZONA	5081	9 10	2 56 07.01			90 00 40	48 51 18		229304
18618	KINGMAN, ARIZONA	5081	9 10	2 56 08.01			90 41 01	48 37 06		229304
18619	KINGMAN, ARIZONA	5081	9 10	2 56 09.01			91 22 48	48 21 47		229304
18620	KINGMAN, ARIZONA	5081	9 10	2 56 10.01			92 03 11	48 10 48		229304
18621	KINGMAN, ARIZONA	5081	9 10	2 56 11.01			92 40 40	47 52 40		229304
18622	KINGMAN, ARIZONA	5081	9 10	2 56 12.01			93 21 45	47 37 37		229304
18623	KINGMAN, ARIZONA	5081	9 10	2 56 13.01			93 58 25	47 22 03		229304
18624	KINGMAN, ARIZONA	5081	9 10	2 56 14.01			94 35 25	47 06 59		229304
18625	KINGMAN, ARIZONA	5081	9 10	2 56 15.01			95 08 34	46 51 57		229304
18626	KINGMAN, ARIZONA	5081	9 10	2 56 16.01			95 49 16	46 34 45		229304
18627	KINGMAN, ARIZONA	5081	9 10	2 56 17.01			96 24 29	46 19 31		229304
18628	KINGMAN, ARIZONA	5081	9 10	2 56 18.01			97 00 39	46 03 29		229304
18629	KINGMAN, ARIZONA	5081	9 10	2 56 19.01			97 31 14	45 16 31		229304
18630	KINGMAN, ARIZONA	5081	9 10	2 56 20.01			98 09 58	45 31 28		229304
18631	KINGMAN, ARIZONA	5081	9 10	2 56 21.01			98 44 04	45 15 10		229304
18632	KINGMAN, ARIZONA	5081	9 10	2 56 22.01			99 17 23	44 56 03		229304
18633	KINGMAN, ARIZONA	5081	9 10	2 56 23.01			100 08 22	44 38 43		229304
18634	KINGMAN, ARIZONA	5081	9 10	2 56 24.01			100 36 17	44 31 42		229304
18635	KINGMAN, ARIZONA	5081	9 10	2 56 25.01			100 44 33	44 30 21		229304
18636	KINGMAN, ARIZONA	5081	9 10	2 56 26.01			101 23 57	44 11 04		229304
18637	KINGMAN, ARIZONA	5081	9 10	2 56 27.01			102 10 29	43 52 52		229304
18638	KINGMAN, ARIZONA	5081	9 10	2 56 28.01			102 37 36	43 28 19		229304
18639	KINGMAN, ARIZONA	5081	9 10	2 56 29.01			103 13 24	43 06 50		229304
18640	KINGMAN, ARIZONA	5081	9 10	2 56 30.01			103 21 03	42 54 36		229304
18641	KINGMAN, ARIZONA	5081	9 10	2 56 31.01			104 02 48	42 34 38		229304
18642	KINGMAN, ARIZONA	5081	9 10	2 56 32.01			104 18 29	42 17 19		229304
18643	KINGMAN, ARIZONA	5081	9 10	2 56 33.01			104 53 10	41 59 30		229304
18644	KINGMAN, ARIZONA	5081	9 10	2 56 34.01			105 13 26	41 40 09		229304
18645	KINGMAN, ARIZONA	5081	9 10	2 56 35.01			105 39 09	41 23 40		229304
18646	KINGMAN, ARIZONA	5081	9 10	2 56 36.01			106 05 53	41 06 51		229304
18647	KINGMAN, ARIZONA	5081	9 10	2 56 37.01			106 31 38	40 50 30		229304
18648	KINGMAN, ARIZONA	5081	9 10	2 56 38.01			106 57 58	40 33 16		229304
18649	KINGMAN, ARIZONA	5081	9 10	2 56 39.01			107 37 06	40 18 13		229304
18650	KINGMAN, ARIZONA	5081	9 10	2 56 40.01			107 48 04	39 59 46		229304
18651	KINGMAN, ARIZONA	5081	9 10	2 56 41.01			108 12 14	39 44 08		229304
18652	KINGMAN, ARIZONA	5081	9 10	2 56 42.01			108 36 39	39 26 47		229304
18653	KINGMAN, ARIZONA	5081	9 10	2 56 43.01			108 42 55	39 09 26		229304
18654	KINGMAN, ARIZONA	5081	9 10	2 56 44.01			109 24 03	38 54 42		229304
18655	KINGMAN, ARIZONA	5081	9 10	2 56 45.01			109 47 17	38 37 52		229304
18656	KINGMAN, ARIZONA	5081	9 10	2 56 46.01			110 09 23	38 21 28		229304
18657	KINGMAN, ARIZONA	5081	9 10	2 56 47.01			110 31 01	38 03 53		229304
18658	KINGMAN, ARIZONA	5081	9 10	2 56 48.01			110 54 35	37 48 17		229304
18659	KINGMAN, ARIZONA	5081	9 10	2 56 49.01			111 30 35	37 31 11		229304
18660	KINGMAN, ARIZONA	5081	9 10	2 56 50.01			111 35 54	37 15 52		229304
18661	KINGMAN, ARIZONA	5081	9 10	2 56 51.01			112 09 50	37 05 20		229304
18662	KINGMAN, ARIZONA	5081	9 10	2 56 52.01			112 02 46	36 41 25		229304
18663	KINGMAN, ARIZONA	5081	9 10	2 56 54.01			113 14 06	36 08 33		229304
18664	KINGMAN, ARIZONA	5081	9 10	2 56 55.01			113 16 59	35 56 01		229304
18665	KINGMAN, ARIZONA	5081	9 10	2 56 56.01			113 23 47	35 42 00		229304
18666	KINGMAN, ARIZONA	5081	9 10	2 56 57.01			113 55 27	35 23 58		229304
18667	KINGMAN, ARIZONA	5081	9 10	2 56 58.01			113 49 11	35 17 17		229304
18668	KINGMAN, ARIZONA	5081	9 10	2 56 59.01			114 34 17	34 52 39		229304
18669	KINGMAN, ARIZONA	5081	9 10	2 57 00.01			114 51 30	34 37 04		229304
18670	KINGMAN, ARIZONA	5081	9 10	2 57 01.01			115 07 20	34 21 48		229304
18671	KINGMAN, ARIZONA	5081	9 10	2 57 02.01			115 25 11	34 06 32		229304
18672	KINGMAN, ARIZONA	5081	9 10	2 57 03.01			115 34 05	33 55 37		229304
18673	KINGMAN, ARIZONA	5081	9 10	2 57 04.01			115 59 59	33 35 40		229304
18674	KINGMAN, ARIZONA	5081	9 10	2 57 05.01			116 13 53	33 29 25		229304
18675	KINGMAN, ARIZONA	5081	9 10	2 57 06.01			116 20 18	33 04 44		229304
18676	KINGMAN, ARIZONA	5081	9 10	2 57 07.01			116 49 54	32 49 31		229304
18677	KINGMAN, ARIZONA	5081	9 10	2 57 08.01			117 16 09	32 34 15		229304
18678	KINGMAN, ARIZONA	5081	9 10	2 57 09.01			117 22 38	32 20 02		229304
18679	KINGMAN, ARIZONA	5081	9 10	2 57 10.01			117 46 23	32 04 01		229304
18680	KINGMAN, ARIZONA	5081	9 10	2 57 11.01			117 53 41	31 50 34		229304
18681	KINGMAN, ARIZONA	5081	9 10	2 57 12.01			118 08 41	31 35 50		229304
18682	KINGMAN, ARIZONA	5081	9 10	2 57 13.01			118 24 29	31 20 49		229304
18683	KINGMAN, ARIZONA	5081	9 10	2 57 14.01			118 40 00	31 12 58		229304
18684	KINGMAN, ARIZONA	5081	9 10	2 57 15.01			118 53 21	30 52 28		229304
18685	KINGMAN, ARIZONA	5081	9 10	2 57 16.01			119 08 07	30 37 57		229304
18686	KINGMAN, ARIZONA	5081	9 10	2 57 17.01			119 22 08	30 24 06		229304
18687	KINGMAN, ARIZONA	5081	9 10	2 57 18.01			119 35 57	30 08 41		229304
18688	KINGMAN, ARIZONA	5081	9 10	2 57 19.01			119 49 53	29 56 01		229304
18689	KINGMAN, ARIZONA	5081	9 10	2 57 20.01			120 03 57	29 41 40		229304
18690	KINGMAN, ARIZONA	5081	9 10	2 57 21.01			120 17 31	29 27 08		229304
18691	KINGMAN, ARIZONA	5081	9 10	2 57 22.01			120 30 42	29 13 51		229304
18692	KINGMAN, ARIZONA	5081	9 10	2 57 23.01			120 43 07	29 00 04		229304
18693	KINGMAN, ARIZONA	5081	9 10	2 57 24.01			120 59 42	28 50 37		229304
18694	KINGMAN, ARIZONA	5081	9 10	2 57 25.01			121 09 18	28 32 30		229304
18695	KINGMAN, ARIZONA	5081	9 10	2 57 26.01			121 21 28	28 19 17		229304
18696	KINGMAN, ARIZONA	5081	9 10	2 57 27.01			121 33 54	28 06 19		229304
18697	KINGMAN, ARIZONA	5081	9 10	2 57 28.01			121 47 30	27 53 53		229304
18698	KINGMAN, ARIZONA	5081	9 10	2 57 29.01			121 58 18	27 39 55		229304
18699	KINGMAN, ARIZONA	5081	9 10	2 57 30.01			122 06 30	27 22 01		229304
18700	KINGMAN, ARIZONA	5081	9 10	2 57 31.01			122 16 40	27 09 28		229304
18701	KINGMAN, ARIZONA	5081	9 10	2 57 32.01			122 33 44	26 59 59		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
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18703	KINGMAN, ARIZONA	5081	9 10	2 57 34.01			122 56 20	26 35 09		229304
18704	KINGMAN, ARIZONA	5081	9 10	2 57 35.01			123 07 53	26 21 55		229304
18705	KINGMAN, ARIZONA	5081	9 10	2 57 36.01			123 16 38	26 11 14		229304
18706	KINGMAN, ARIZONA	5081	9 10	2 57 37.01			123 29 26	25 57 15		229304
18707	KINGMAN, ARIZONA	5081	9 10	2 57 38.01			123 40 15	25 44 47		229304
18708	KINGMAN, ARIZONA	5081	9 10	2 57 39.01			123 51 13	25 31 56		229304
18709	KINGMAN, ARIZONA	5081	9 10	2 57 40.01			124 03 42	25 14 42		229304
18710	KINGMAN, ARIZONA	5081	9 10	2 57 41.01			124 10 10	25 04 46		229304
18711	KINGMAN, ARIZONA	5081	9 10	2 57 42.01			124 21 50	24 50 48		229304
18712	KINGMAN, ARIZONA	5081	9 10	2 57 43.01			124 32 25	24 43 20		229304
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18716	KINGMAN, ARIZONA	5081	9 10	2 57 47.01			125 08 56	24 01 20		229304
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18119	CHINA LAKE-C, CAL	5073	9 27	12 37 27.01			109 51 45	41 51 38		229304
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18122	CHINA LAKE-C, CAL	5073	9 27	12 37 30.01			108 45 48	41 50 24		229304
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18124	CHINA LAKE-C, CAL	5073	9 27	12 37 32.01			108 03 36	41 49 28		229304
18125	CHINA LAKE-C, CAL	5073	9 27	12 37 33.01			107 38 47	41 48 40		229304
18126	CHINA LAKE-C, CAL	5073	9 27	12 37 34.01			107 19 21	41 48 52		229304
18127	CHINA LAKE-C, CAL	5073	9 27	12 37 35.01			106 56 47	41 48 48		229304
18128	CHINA LAKE-C, CAL	5073	9 27	12 37 36.01			106 48 49	41 44 45		229304
18129	CHINA LAKE-C, CAL	5073	9 27	12 37 37.01			106 15 37	41 45 28		229304
18130	CHINA LAKE-C, CAL	5073	9 27	12 37 38.01			105 52 50	41 44 23		229304
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18153	CHINA LAKE-C, CAL	5073	9 27	12 38 01.01			97 44 44	40 58 40		229304
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18155	CHINA LAKE-C, CAL	5073	9 27	12 38 03.01			97 00 31	40 55 08		229304
18156	CHINA LAKE-C, CAL	5073	9 27	12 38 04.01			96 38 47	40 51 31		229304
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18173	CHINA LAKE-C, CAL	5073	9 27	12 38 21.01			90 57 02	39 51 08		229304
18174	CHINA LAKE-C, CAL	5073	9 27	12 38 22.01			90 41 22	39 47 36		229304
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18189	CHINA LAKE-C, CAL	5073	9 27	12 38 37.01			86 00 24	38 40 03		229304
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18191	CHINA LAKE-C, CAL	5073	9 27	12 38 39.01			85 27 24	38 30 59		229304
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OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
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18195	CHINA LAKE-C, CAL	5073	9 27	12 38 43.01			84 14 27	38 08 58		229304
18196	CHINA LAKE-C, CAL	5073	9 27	12 38 44.01			83 55 36	38 07 38		229304
18197	CHINA LAKE-C, CAL	5073	9 27	12 38 45.01			83 39 40	37 59 05		229304
18198	CHINA LAKE-C, CAL	5073	9 27	12 38 46.01			83 27 02	37 54 06		229304
18199	CHINA LAKE-C, CAL	5073	9 27	12 38 47.01			83 06 14	37 50 43		229304
18200	CHINA LAKE-C, CAL	5073	9 27	12 38 48.01			82 49 30	37 44 15		229304
18201	CHINA LAKE-C, CAL	5073	9 27	12 38 49.01			82 29 54	37 39 59		229304
18202	CHINA LAKE-C, CAL	5073	9 27	12 38 50.01			82 10 45	37 32 37		229304
18203	CHINA LAKE-C, CAL	5073	9 27	12 38 51.01			81 56 42	37 28 36		229304
18204	CHINA LAKE-C, CAL	5073	9 27	12 38 52.01			81 41 10	37 21 59		229304
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18209	CHINA LAKE-C, CAL	5073	9 27	12 38 57.01			80 17 39	36 55 45		229304
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18211	CHINA LAKE-C, CAL	5073	9 27	12 38 59.01			80 15 14	36 50 07		229304
18212	CHINA LAKE-C, CAL	5073	9 27	12 39 00.01			79 32 38	36 38 26		229304
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18215	CHINA LAKE-C, CAL	5073	9 27	12 39 03.01			78 40 00	36 27 24		229304
18216	CHINA LAKE-C, CAL	5073	9 27	12 39 04.01			78 40 03	36 23 40		229304
18217	CHINA LAKE-C, CAL	5073	9 27	12 39 05.01			78 31 30	36 19 02		229304
18218	CHINA LAKE-C, CAL	5073	9 27	12 39 06.01			77 57 39	36 10 06		229304
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18840	CHINA LAKE-C, CAL	5073	9 30	11 44 27.01			134 22 31	35 57 33		229304
18841	CHINA LAKE-C, CAL	5073	9 30	11 44 28.01			134 01 38	36 00 58		229304
18842	CHINA LAKE-C, CAL	5073	9 30	11 44 30.01			133 37 48	36 12 48		229304
18843	CHINA LAKE-C, CAL	5073	9 30	11 44 31.01			133 11 07	36 17 48		229304
18844	CHINA LAKE-C, CAL	5073	9 30	11 44 32.01			132 55 39	36 20 27		229304
18845	CHINA LAKE-C, CAL	5073	9 30	11 44 33.01			132 38 20	36 24 22		229304
18846	CHINA LAKE-C, CAL	5073	9 30	11 44 35.01			132 02 59	36 33 10		229304
18847	CHINA LAKE-C, CAL	5073	9 30	11 44 36.01			131 44 55	36 35 51		229304
18848	CHINA LAKE-C, CAL	5073	9 30	11 44 37.01			131 28 11	36 40 36		229304
18849	CHINA LAKE-C, CAL	5073	9 30	11 44 38.01			131 07 05	36 44 33		229304
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18854	CHINA LAKE-C, CAL	5073	9 30	11 44 45.01			129 02 34	37 13 44		229304
18855	CHINA LAKE-C, CAL	5073	9 30	11 44 46.01			128 44 29	37 16 09		229304
18856	CHINA LAKE-C, CAL	5073	9 30	11 44 47.01			128 26 32	37 19 50		229304
18857	CHINA LAKE-C, CAL	5073	9 30	11 44 48.01			128 06 51	37 23 07		229304
18858	CHINA LAKE-C, CAL	5073	9 30	11 44 49.01			127 49 02	37 26 37		229304
18859	CHINA LAKE-C, CAL	5073	9 30	11 44 50.01			127 23 20	37 23 42		229304
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18861	CHINA LAKE-C, CAL	5073	9 30	11 44 52.01			126 52 34	37 37 15		229304
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18865	CHINA LAKE-C, CAL	5073	9 30	11 44 56.01			125 37 36	37 48 57		229304
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18867	CHINA LAKE-C, CAL	5073	9 30	11 44 58.01			124 59 30	37 54 50		229304
18868	CHINA LAKE-C, CAL	5073	9 30	11 44 59.01			124 40 56	37 59 51		229304
18869	CHINA LAKE-C, CAL	5073	9 30	11 45 00.01			124 20 04	38 02 27		229304
18870	CHINA LAKE-C, CAL	5073	9 30	11 45 01.01			124 01 01	38 03 09		229304
18871	CHINA LAKE-C, CAL	5073	9 30	11 45 02.01			123 41 58	38 06 44		229304
18872	CHINA LAKE-C, CAL	5073	9 30	11 45 03.01			123 26 01	38 09 48		229304
18873	CHINA LAKE-C, CAL	5073	9 30	11 45 04.01			123 00 04	38 13 11		229304
18874	CHINA LAKE-C, CAL	5073	9 30	11 45 05.01			122 43 42	38 13 34		229304
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18878	CHINA LAKE-C, CAL	5073	9 30	11 45 09.01			121 25 54	38 24 19		229304
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18881	CHINA LAKE-C, CAL	5073	9 30	11 45 12.01			120 25 34	38 31 43		229304
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18885	CHINA LAKE-C, CAL	5073	9 30	11 45 16.01			119 06 06	38 38 16		229304
18886	CHINA LAKE-C, CAL	5073	9 30	11 45 17.01			118 46 37	38 39 17		229304
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18894	CHINA LAKE-C, CAL	5073	9 30	11 45 26.01			115 47 40	38 53 32		229304
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18899	CHINA LAKE-C, CAL	5073	9 30	11 45 31.01			114 06 28	38 58 12		229304
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OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
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18914	CHINA LAKE-C, CAL.	5073	9 30	11 45 46.01			109 01 07	39 02 40		229304
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18916	CHINA LAKE-C, CAL.	5073	9 30	11 45 48.01			108 20 40	39 02 06		229304
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18921	CHINA LAKE-C, CAL.	5073	9 30	11 45 53.01			106 39 50	38 59 09		229304
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18925	CHINA LAKE-C, CAL.	5073	9 30	11 45 57.01			105 18 38	38 55 12		229304
18926	CHINA LAKE-C, CAL.	5073	9 30	11 45 58.01			104 56 31	38 53 55		229304
18927	CHINA LAKE-C, CAL.	5073	9 30	11 45 59.01			104 39 30	38 52 03		229304
18928	CHINA LAKE-C, CAL.	5073	9 30	11 46 00.01			104 18 50	38 51 53		229304
18929	CHINA LAKE-C, CAL.	5073	9 30	11 46 01.01			103 58 23	38 50 32		229304
18930	CHINA LAKE-C, CAL.	5073	9 30	11 46 02.01			103 38 02	38 49 43		229304
18931	CHINA LAKE-C, CAL.	5073	9 30	11 46 03.01			103 18 35	38 49 51		229304
18932	CHINA LAKE-C, CAL.	5073	9 30	11 46 04.01			102 57 16	38 47 59		229304
18933	CHINA LAKE-C, CAL.	5073	9 30	11 46 05.01			102 40 29	38 44 36		229304
18934	CHINA LAKE-C, CAL.	5073	9 30	11 46 06.01			102 16 05	38 42 58		229304
18935	CHINA LAKE-C, CAL.	5073	9 30	11 46 07.01			102 02 27	38 43 53		229304
18936	CHINA LAKE-C, CAL.	5073	9 30	11 46 08.01			101 41 55	38 41 19		229304
18937	CHINA LAKE-C, CAL.	5073	9 30	11 46 09.01			101 19 19	38 38 33		229304
18938	CHINA LAKE-C, CAL.	5073	9 30	11 46 10.01			100 57 43	38 37 53		229304
18939	CHINA LAKE-C, CAL.	5073	9 30	11 46 11.01			100 38 08	38 34 10		229304
18940	CHINA LAKE-C, CAL.	5073	9 30	11 46 12.01			100 17 43	38 33 00		229304
18941	CHINA LAKE-C, CAL.	5073	9 30	11 46 13.01			100 02 58	38 30 15		229304
18942	CHINA LAKE-C, CAL.	5073	9 30	11 46 14.01			99 40 00	38 29 12		229304
18943	CHINA LAKE-C, CAL.	5073	9 30	11 46 15.01			99 29 05	38 26 04		229304
18944	CHINA LAKE-C, CAL.	5073	9 30	11 46 16.01			99 01 44	38 24 24		229304
18945	CHINA LAKE-C, CAL.	5073	9 30	11 46 17.01			98 43 59	38 21 45		229304
18946	CHINA LAKE-C, CAL.	5073	9 30	11 46 18.01			98 37 03	38 14 36		229304
18947	CHINA LAKE-C, CAL.	5073	9 30	11 46 19.01			98 02 06	38 16 54		229304
18948	CHINA LAKE-C, CAL.	5073	9 30	11 46 20.01			97 40 57	38 14 15		229304
18949	CHINA LAKE-C, CAL.	5073	9 30	11 46 21.01			97 24 40	38 12 36		229304
18950	CHINA LAKE-C, CAL.	5073	9 30	11 46 22.01			97 04 22	38 10 40		229304
18951	CHINA LAKE-C, CAL.	5073	9 30	11 46 23.01			96 49 29	38 07 42		229304
18952	CHINA LAKE-C, CAL.	5073	9 30	11 46 25.01			96 09 33	38 01 26		229304
18953	CHINA LAKE-C, CAL.	5073	9 30	11 46 27.01			95 30 55	37 54 54		229304
18954	CHINA LAKE-C, CAL.	5073	9 30	11 46 28.01			95 14 25	37 51 31		229304
18955	CHINA LAKE-C, CAL.	5073	9 30	11 46 29.01			94 52 41	37 50 09		229304
18956	CHINA LAKE-C, CAL.	5073	9 30	11 46 31.01			94 13 14	37 42 41		229304
18957	CHINA LAKE-C, CAL.	5073	9 30	11 46 33.01			93 37 44	37 38 58		229304
18958	CHINA LAKE-C, CAL.	5073	9 30	11 46 35.01			93 01 24	37 31 21		229304
18959	CHINA LAKE-C, CAL.	5073	9 30	11 46 46.01			89 41 52	36 53 32		229304
18960	CHINA LAKE-C, CAL.	5073	9 30	11 46 47.01			89 25 22	36 47 24		229304
18961	CHINA LAKE-C, CAL.	5073	9 30	11 49 13.01			59 17 54	23 31 58		229304
18962	CHINA LAKE-C, CAL.	5073	9 30	11 49 14.01			59 15 48	23 25 14		229304
18963	CHINA LAKE-C, CAL.	5073	9 30	11 49 15.01			59 03 12	23 19 28		229304
18964	CHINA LAKE-C, CAL.	5073	9 30	11 49 16.01			58 54 03	23 15 10		229304
18965	CHINA LAKE-C, CAL.	5073	9 30	11 49 17.01			58 47 41	23 08 46		229304
18966	CHINA LAKE-C, CAL.	5073	9 30	11 49 18.01			58 37 35	23 04 55		229304
18967	CHINA LAKE-C, CAL.	5073	9 30	11 49 19.01			58 32 55	22 56 50		229304
18968	CHINA LAKE-C, CAL.	5073	9 30	11 49 20.01			58 25 34	22 53 23		229304
18969	CHINA LAKE-C, CAL.	5073	9 30	11 49 21.01			58 16 58	22 46 34		229304
18970	CHINA LAKE-C, CAL.	5073	9 30	11 49 22.01			58 10 53	22 43 10		229304
18971	CHINA LAKE-C, CAL.	5073	9 30	11 49 23.01			58 01 09	22 38 27		229304
18972	CHINA LAKE-C, CAL.	5073	9 30	11 49 24.01			57 52 48	22 31 20		229304
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18974	CHINA LAKE-C, CAL.	5073	9 30	11 49 26.01			57 39 31	22 20 26		229304
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18977	CHINA LAKE-C, CAL.	5073	9 30	11 49 29.01			57 17 28	22 02 51		229304
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18981	CHINA LAKE-C, CAL.	5073	9 30	11 49 33.01			56 49 06	21 42 18		229304
18982	CHINA LAKE-C, CAL.	5073	9 30	11 49 34.01			56 41 49	21 35 38		229304
18983	CHINA LAKE-C, CAL.	5073	9 30	11 49 35.01			56 34 45	21 30 14		229304
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18986	CHINA LAKE-C, CAL.	5073	9 30	11 49 38.01			56 15 26	21 14 23		229304
18987	CHINA LAKE-C, CAL.	5073	9 30	11 49 39.01			56 07 30	21 08 35		229304
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18989	CHINA LAKE-C, CAL.	5073	9 30	11 49 41.01			55 55 09	20 56 05		229304
18990	CHINA LAKE-C, CAL.	5073	9 30	11 49 42.01			55 45 54	20 52 19		229304
18991	CHINA LAKE-C, CAL.	5073	9 30	11 49 43.01			55 38 46	20 46 15		229304
18992	CHINA LAKE-C, CAL.	5073	9 30	11 49 44.01			55 33 21	20 41 13		229304
18993	CHINA LAKE-C, CAL.	5073	9 30	11 49 45.01			55 26 53	20 35 52		229304
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18995	CHINA LAKE-C, CAL.	5073	9 30	11 49 47.01			55 13 51	20 24 43		229304
18996	CHINA LAKE-C, CAL.	5073	9 30	11 49 48.01			55 07 28	20 19 45		229304
18997	CHINA LAKE-C, CAL.	5073	9 30	11 49 49.01			55 00 46	20 14 32		229304
18998	CHINA LAKE-C, CAL.	5073	9 30	11 49 50.01			54 53 35	20 09 09		229304
18999	CHINA LAKE-C, CAL.	5073	9 30	11 49 51.01			54 47 00	20 05 17		229304
19000	CHINA LAKE-C, CAL.	5073	9 30	11 49 52.01			54 41 17	19 58 13		229304
19001	CHINA LAKE-C, CAL.	5073	9 30	11 49 53.01			54 36 08	19 52 14		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
19002	CHINA LAKE-C, CAL.	5073	9 30	11 49 54.01			54 30 02	19 50 22		229304
19003	CHINA LAKE-C, CAL.	5073	9 30	11 49 55.01			54 22 44	19 42 38		229304
19004	CHINA LAKE-C, CAL.	5073	9 30	11 49 56.01			54 16 18	19 35 38		229304
19005	CHINA LAKE-C, CAL.	5073	9 30	11 49 57.01			54 06 54	19 33 37		229304
19006	CHINA LAKE-C, CAL.	5073	9 30	11 49 58.01			54 03 32	19 28 20		229304
19007	CHINA LAKE-C, CAL.	5073	9 30	11 49 59.01			53 55 53	19 20 21		229304
19008	CHINA LAKE-C, CAL.	5073	9 30	11 50 00.01			53 50 16	19 15 47		229304
19009	CHINA LAKE-C, CAL.	5073	9 30	11 50 01.01			53 44 43	19 11 24		229304
19010	CHINA LAKE-C, CAL.	5073	9 30	11 50 02.01			53 37 58	19 07 47		229304
19011	CHINA LAKE-C, CAL.	5073	9 30	11 50 03.01			53 32 00	19 00 57		229304
19012	CHINA LAKE-C, CAL.	5073	9 30	11 50 04.01			53 25 58	18 54 46		229304
19013	CHINA LAKE-C, CAL.	5073	9 30	11 50 05.01			53 21 26	18 50 20		229304
19014	CHINA LAKE-C, CAL.	5073	9 30	11 50 06.01			53 18 38	18 44 52		229304
19015	CHINA LAKE-C, CAL.	5073	9 30	11 50 07.01			53 12 46	18 37 53		229304
19016	CHINA LAKE-C, CAL.	5073	9 30	11 50 08.01			53 03 35	18 34 36		229304
19017	CHINA LAKE-C, CAL.	5073	9 30	11 50 09.01			53 00 27	18 29 42		229304
19018	CHINA LAKE-C, CAL.	5073	9 30	11 50 10.01			52 53 08	18 24 26		229304
19019	CHINA LAKE-C, CAL.	5073	9 30	11 50 11.01			52 45 58	18 19 26		229304
19020	CHINA LAKE-C, CAL.	5073	9 30	11 50 12.01			52 40 58	18 15 04		229304
19021	CHINA LAKE-C, CAL.	5073	9 30	11 50 13.01			52 33 06	18 10 19		229304
19022	CHINA LAKE-C, CAL.	5073	9 30	11 50 14.01			52 28 04	18 02 46		229304
19023	CHINA LAKE-C, CAL.	5073	9 30	11 50 15.01			52 23 11	17 57 54		229304
19024	CHINA LAKE-C, CAL.	5073	9 30	11 50 16.01			52 18 40	17 53 24		229304
19025	CHINA LAKE-C, CAL.	5073	9 30	11 50 17.01			52 11 21	17 49 05		229304
19026	CHINA LAKE-C, CAL.	5073	9 30	11 50 18.01			52 07 08	17 42 10		229304
19027	CHINA LAKE-C, CAL.	5073	9 30	11 50 19.01			52 01 52	17 38 09		229304
19028	CHINA LAKE-C, CAL.	5073	9 30	11 50 20.01			51 51 39	17 33 01		229304
19029	CHINA LAKE-C, CAL.	5073	9 30	11 50 21.01			51 51 39	17 29 03		229304
19030	CHINA LAKE-C, CAL.	5073	9 30	11 50 22.01			51 45 26	17 23 12		229304
19031	CHINA LAKE-C, CAL.	5073	9 30	11 50 23.01			51 39 42	17 16 44		229304
19032	CHINA LAKE-C, CAL.	5073	9 30	11 50 31.01			50 58 14	16 39 23		229304
19033	CHINA LAKE-C, CAL.	5073	9 30	11 50 32.01			50 52 01	16 33 54		229304
19034	CHINA LAKE-C, CAL.	5073	9 30	11 50 33.01			50 47 03	16 28 08		229304
19035	CHINA LAKE-C, CAL.	5073	9 30	11 50 34.01			50 42 57	16 23 51		229304
19036	CHINA LAKE-C, CAL.	5073	9 30	11 50 35.01			50 36 32	16 20 18		229304
19037	CHINA LAKE-C, CAL.	5073	9 30	11 50 36.01			50 31 55	16 14 05		229304
19038	CHINA LAKE-C, CAL.	5073	9 30	11 50 37.01			50 30 22	16 09 16		229304
19039	CHINA LAKE-C, CAL.	5073	9 30	11 50 38.01			50 22 03	16 06 40		229304
19040	CHINA LAKE-C, CAL.	5073	9 30	11 50 39.01			50 16 05	15 59 23		229304
19041	CHINA LAKE-C, CAL.	5073	9 30	11 50 40.01			50 11 44	15 54 25		229304
19042	CHINA LAKE-C, CAL.	5073	9 30	11 50 41.01			50 07 19	15 49 31		229304
19043	CHINA LAKE-C, CAL.	5073	9 30	11 50 42.01			50 02 26	15 44 56		229304
19044	CHINA LAKE-C, CAL.	5073	9 30	11 50 43.01			49 56 25	15 40 01		229304
19045	CHINA LAKE-C, CAL.	5073	9 30	11 50 44.01			49 53 06	15 35 22		229304
19046	CHINA LAKE-C, CAL.	5073	9 30	11 50 45.01			49 47 28	15 29 33		229304
19047	CHINA LAKE-C, CAL.	5073	9 30	11 50 46.01			49 41 35	15 29 36		229304
19048	CHINA LAKE-C, CAL.	5073	9 30	11 50 47.01			49 37 15	15 22 12		229304
19049	CHINA LAKE-C, CAL.	5073	9 30	11 50 48.01			49 31 01	15 14 14		229304
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19051	CHINA LAKE-C, CAL.	5073	9 30	11 50 50.01			49 25 29	15 05 35		229304
19052	CHINA LAKE-C, CAL.	5073	9 30	11 50 51.01			49 21 42	15 01 06		229304
19053	CHINA LAKE-C, CAL.	5073	9 30	11 50 52.01			49 13 48	14 59 24		229304
19054	CHINA LAKE-C, CAL.	5073	9 30	11 50 53.01			49 10 38	14 52 00		229304
19055	CHINA LAKE-C, CAL.	5073	9 30	11 50 54.01			49 04 34	14 48 00		229304
19056	CHINA LAKE-C, CAL.	5073	9 30	11 50 55.01			49 01 04	14 42 09		229304
19057	CHINA LAKE-C, CAL.	5073	9 30	11 50 56.01			48 57 41	14 39 13		229304
19058	CHINA LAKE-C, CAL.	5073	9 30	11 50 57.01			48 50 44	14 33 45		229304
19059	CHINA LAKE-C, CAL.	5073	9 30	11 50 58.01			48 47 22	14 29 02		229304
19060	CHINA LAKE-C, CAL.	5073	9 30	11 50 59.01			48 42 32	14 24 27		229304
19061	CHINA LAKE-C, CAL.	5073	9 30	11 51 00.01			48 38 15	14 19 38		229304
19062	CHINA LAKE-C, CAL.	5073	9 30	11 51 01.01			48 32 14	14 14 56		229304
19063	CHINA LAKE-C, CAL.	5073	9 30	11 51 02.01			48 28 59	14 10 40		229304
19064	CHINA LAKE-C, CAL.	5073	9 30	11 51 03.01			48 24 17	14 05 27		229304
19065	CHINA LAKE-C, CAL.	5073	9 30	11 51 04.01			48 20 55	14 01 29		229304
19066	CHINA LAKE-C, CAL.	5073	9 30	11 51 05.01			48 17 08	13 55 50		229304
19067	CHINA LAKE-C, CAL.	5073	9 30	11 51 06.01			48 10 58	13 52 11		229304
19068	CHINA LAKE-C, CAL.	5073	9 30	11 51 07.01			48 06 13	13 47 39		229304
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19071	CHINA LAKE-C, CAL.	5073	9 30	11 51 10.01			47 53 55	13 32 38		229304
19072	CHINA LAKE-C, CAL.	5073	9 30	11 51 11.01			47 50 33	13 31 51		229304
19073	CHINA LAKE-C, CAL.	5073	9 30	11 51 12.01			47 45 40	13 24 51		229304
19074	CHINA LAKE-C, CAL.	5073	9 30	11 51 13.01			47 40 43	13 19 32		229304
19075	CHINA LAKE-C, CAL.	5073	9 30	11 51 14.01			47 39 08	13 14 31		229304
19076	CHINA LAKE-C, CAL.	5073	9 30	11 51 15.01			47 33 19	13 11 57		229304
19077	CHINA LAKE-C, CAL.	5073	9 30	11 51 16.01			47 34 44	13 04 47		229304
19078	CHINA LAKE-C, CAL.	5073	9 30	11 51 17.01			47 26 11	13 02 41		229304
19079	CHINA LAKE-C, CAL.	5073	9 30	11 51 53.01			45 08 44	10 26 26		229304
19080	CHINA LAKE-C, CAL.	5073	9 30	11 51 54.01			45 06 29	10 21 38		229304
19081	CHINA LAKE-C, CAL.	5073	9 30	11 51 55.01			45 01 54	10 18 20		229304
19082	CHINA LAKE-C, CAL.	5073	11 07	1 38 34.01			113 09 31	40 58 34		229304
19083	CHINA LAKE-C, CAL.	5073	11 07	1 38 35.01			112 52 27	40 58 43		229304
19084	CHINA LAKE-C, CAL.	5073	11 07	1 38 36.01			112 27 53	40 58 57		229304
19085	CHINA LAKE-C, CAL.	5073	11 07	1 38 37.01			112 03 22	40 58 57		229304
19086	CHINA LAKE-C, CAL.	5073	11 07	1 38 38.01			111 38 46	40 58 50		229304
19087	CHINA LAKE-C, CAL.	5073	11 07	1 38 39.01			111 15 17	40 58 40		229304
19088	CHINA LAKE-C, CAL.	5073	11 07	1 38 40.01			110 51 32	40 58 24		229304
19089	CHINA LAKE-C, CAL.	5073	11 07	1 38 41.01			110 27 26	40 58 04		229304
19090	CHINA LAKE-C, CAL.	5073	11 07	1 38 42.01			110 04 40	40 57 38		229304
19091	CHINA LAKE-C, CAL.	5073	11 07	1 38 43.01			109 39 19	40 57 23		229304
19092	CHINA LAKE-C, CAL.	5073	11 07	1 38 44.01			109 15 19	40 56 36		229304
19093	CHINA LAKE-C, CAL.	5073	11 07	1 38 45.01			108 51 41	40 55 45		229304
19094	CHINA LAKE-C, CAL.	5073	11 07	1 38 46.01			108 26 31	40 54 44		229304
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OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
19096	CHINA LAKE-C, CAL	5073	11 07	1 38 48.01	107 39 07	40 52 37				229304
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19098	CHINA LAKE-C, CAL	5073	11 07	1 38 50.01	106 52 32	40 50 40				229304
19099	CHINA LAKE-C, CAL	5073	11 07	1 38 51.01	106 28 38	40 49 14				229304
19100	CHINA LAKE-C, CAL	5073	11 07	1 38 52.01	106 05 00	40 47 52				229304
19101	CHINA LAKE-C, CAL	5073	11 07	1 38 53.01	105 40 56	40 46 39				229304
19102	CHINA LAKE-C, CAL	5073	11 07	1 38 54.01	105 16 28	40 44 44				229304
19103	CHINA LAKE-C, CAL	5073	11 07	1 38 55.01	104 54 10	40 43 35				229304
19104	CHINA LAKE-C, CAL	5073	11 07	1 38 56.01	104 29 57	40 41 48				229304
19105	CHINA LAKE-C, CAL	5073	11 07	1 38 57.01	104 05 56	40 40 01				229304
19106	CHINA LAKE-C, CAL	5073	11 07	1 38 58.01	103 42 56	40 37 50				229304
19107	CHINA LAKE-C, CAL	5073	11 07	1 38 59.01	103 19 56	40 35 36				229304
19108	CHINA LAKE-C, CAL	5073	11 07	1 39 00.01	102 59 07	40 33 14				229304
19109	CHINA LAKE-C, CAL	5073	11 07	1 39 01.01	102 32 13	40 32 33				229304
19110	CHINA LAKE-C, CAL	5073	11 07	1 39 02.01	102 09 23	40 28 55				229304
19111	CHINA LAKE-C, CAL	5073	11 07	1 39 03.01	101 47 23	40 28 06				229304
19112	CHINA LAKE-C, CAL	5073	11 07	1 39 04.01	101 24 49	40 26 33				229304
19113	CHINA LAKE-C, CAL	5073	11 07	1 39 05.01	101 00 15	40 20 56				229304
19114	CHINA LAKE-C, CAL	5073	11 07	1 39 06.01	100 37 56	40 18 37				229304
19115	CHINA LAKE-C, CAL	5073	11 07	1 39 07.01	100 15 27	40 18 47				229304
19116	CHINA LAKE-C, CAL	5073	11 07	1 39 08.01	99 50 33	40 15 44				229304
19117	CHINA LAKE-C, CAL	5073	11 07	1 39 09.01	99 27 24	40 10 56				229304
19118	CHINA LAKE-C, CAL	5073	11 07	1 39 10.01	99 03 17	40 07 17				229304
19119	CHINA LAKE-C, CAL	5073	11 07	1 39 11.01	98 40 16	40 04 18				229304
19120	CHINA LAKE-C, CAL	5073	11 07	1 39 12.01	98 17 19	40 01 48				229304
19121	CHINA LAKE-C, CAL	5073	11 07	1 39 13.01	97 56 38	39 58 18				229304
19122	CHINA LAKE-C, CAL	5073	11 07	1 39 14.01	97 34 19	39 55 06				229304
19123	CHINA LAKE-C, CAL	5073	11 07	1 39 15.01	97 11 14	39 51 38				229304
19124	CHINA LAKE-C, CAL	5073	11 07	1 39 16.01	96 49 45	39 47 46				229304
19125	CHINA LAKE-C, CAL	5073	11 07	1 39 17.01	96 25 53	39 44 44				229304
19126	CHINA LAKE-C, CAL	5073	11 07	1 39 18.01	96 05 43	39 40 25				229304
19127	CHINA LAKE-C, CAL	5073	11 07	1 39 19.01	95 41 50	39 37 18				229304
19128	CHINA LAKE-C, CAL	5073	11 07	1 39 20.01	95 18 56	39 34 02				229304
19129	CHINA LAKE-C, CAL	5073	11 07	1 39 21.01	94 58 05	39 29 34				229304
19130	CHINA LAKE-C, CAL	5073	11 07	1 39 22.01	94 37 16	39 24 37				229304
19131	CHINA LAKE-C, CAL	5073	11 07	1 39 23.01	94 15 56	39 20 54				229304
19132	CHINA LAKE-C, CAL	5073	11 07	1 39 24.01	93 52 39	39 17 43				229304
19133	CHINA LAKE-C, CAL	5073	11 07	1 39 25.01	93 30 55	39 13 17				229304
19134	CHINA LAKE-C, CAL	5073	11 07	1 39 26.01	93 07 34	39 08 21				229304
19135	CHINA LAKE-C, CAL	5073	11 07	1 39 27.01	92 48 28	39 04 53				229304
19136	CHINA LAKE-C, CAL	5073	11 07	1 39 28.01	92 28 42	39 01 51				229304
19137	CHINA LAKE-C, CAL	5073	11 07	1 39 31.01	91 22 42	38 46 55				229304
19138	CHINA LAKE-C, CAL	5073	11 07	1 39 32.01	91 01 39	38 43 25				229304
19139	CHINA LAKE-C, CAL	5073	11 07	1 39 33.01	90 40 46	38 37 24				229304
19140	CHINA LAKE-C, CAL	5073	11 07	1 39 34.01	90 18 52	38 32 34				229304
19141	CHINA LAKE-C, CAL	5073	11 07	3 15 56.01	278 17 49	30 52 40				229304
19142	CHINA LAKE-C, CAL	5073	11 07	3 15 57.01	278 33 55	30 57 48				229304
19143	CHINA LAKE-C, CAL	5073	11 07	3 15 58.01	278 49 21	31 02 24				229304
19144	CHINA LAKE-C, CAL	5073	11 07	3 15 59.01	279 05 39	31 06 18				229304
19145	CHINA LAKE-C, CAL	5073	11 07	3 16 00.01	279 21 08	31 10 59				229304
19146	CHINA LAKE-C, CAL	5073	11 07	3 16 01.01	279 36 59	31 15 20				229304
19147	CHINA LAKE-C, CAL	5073	11 07	3 16 02.01	279 51 59	31 17 39				229304
19148	CHINA LAKE-C, CAL	5073	11 07	3 16 03.01	280 08 03	31 23 41				229304
19149	CHINA LAKE-C, CAL	5073	11 07	3 16 04.01	280 27 14	31 27 48				229304
19150	CHINA LAKE-C, CAL	5073	11 07	3 16 05.01	280 44 12	31 32 21				229304
19151	CHINA LAKE-C, CAL	5073	11 07	3 16 06.01	280 59 09	31 36 55				229304
19152	CHINA LAKE-C, CAL	5073	11 07	3 17 48.01	313 23 52	34 29 40				229304
19153	CHINA LAKE-C, CAL	5073	11 07	3 17 49.01	313 43 41	34 27 48				229304
19154	CHINA LAKE-C, CAL	5073	11 07	3 17 50.01	314 00 40	34 26 12				229304
19155	CHINA LAKE-C, CAL	5073	11 07	3 17 51.01	314 25 14	34 25 19				229304
19156	CHINA LAKE-C, CAL	5073	11 07	3 17 52.01	314 42 27	34 20 07				229304
19157	CHINA LAKE-C, CAL	5073	11 07	3 17 53.01	315 03 13	34 20 11				229304
19158	CHINA LAKE-C, CAL	5073	11 07	3 17 54.01	315 35 28	34 12 39				229304
19159	CHINA LAKE-C, CAL	5073	11 07	3 17 55.01	315 41 52	34 17 30				229304
19160	CHINA LAKE-C, CAL	5073	11 07	3 17 56.01	316 02 37	34 15 48				229304
19161	CHINA LAKE-C, CAL	5073	11 07	3 17 57.01	316 22 02	34 13 33				229304
19162	CHINA LAKE-C, CAL	5073	11 07	3 17 58.01	316 41 22	34 11 35				229304
19163	CHINA LAKE-C, CAL	5073	11 07	3 17 59.01	317 01 52	34 09 16				229304
19164	CHINA LAKE-C, CAL	5073	11 07	3 18 00.01	317 21 17	34 07 04				229304
19165	CHINA LAKE-C, CAL	5073	11 07	3 18 01.01	317 40 47	34 04 48				229304
19166	CHINA LAKE-C, CAL	5073	11 07	3 18 02.01	318 01 31	34 03 05				229304
19167	CHINA LAKE-C, CAL	5073	11 07	3 18 03.01	318 20 00	34 00 21				229304
19168	CHINA LAKE-C, CAL	5073	11 07	3 18 04.01	318 39 20	33 57 52				229304
19169	CHINA LAKE-C, CAL	5073	11 07	3 18 05.01	318 58 24	33 56 35				229304
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19171	CHINA LAKE-C, CAL	5073	11 07	3 18 14.01	321 51 02	33 30 13				229304
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19173	CHINA LAKE-C, CAL	5073	11 07	3 18 16.01	322 30 10	33 23 43				229304
19174	CHINA LAKE-C, CAL	5073	11 07	3 18 17.01	322 48 05	33 21 00				229304
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19179	CHINA LAKE-C, CAL	5073	11 07	3 19 43.01	345 31 52	26 33 44				229304
19180	CHINA LAKE-C, CAL	5073	11 07	3 19 44.01	345 47 05	26 26 53				229304
19181	CHINA LAKE-C, CAL	5073	11 07	3 19 45.01	345 57 49	26 21 45				229304
19182	CHINA LAKE-C, CAL	5073	11 07	3 19 46.01	346 12 40	26 15 26				229304
19183	CHINA LAKE-C, CAL	5073	11 07	3 19 47.01	346 24 59	26 09 46				229304
19184	CHINA LAKE-C, CAL	5073	11 07	3 19 48.01	346 37 53	26 04 09				229304
19185	CHINA LAKE-C, CAL	5073	11 07	3 19 49.01	346 50 27	25 58 32				229304
19186	CHINA LAKE-C, CAL	5073	11 07	3 19 50.01	347 02 35	25 51 50				229304
19187	CHINA LAKE-C, CAL	5073	11 07	3 19 51.01	347 14 59	25 46 58				229304
19188	CHINA LAKE-C, CAL	5073	11 07	3 19 52.01	347 27 15	25 41 20				229304
19189	CHINA LAKE-C, CAL	5073	11 07	3 19 53.01	347 39 00	25 35 41				229304
19190	CHINA LAKE-C, CAL	5073	11 07	3 19 54.01	347 51 46	25 30 46				229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
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19193	CHINA LAKE-C, CAL	5073	11 08	1 38 16.01			86 56 46	51 08 13		229304
19194	CHINA LAKE-C, CAL	5073	11 08	1 38 17.01			86 29 44	50 59 26		229304
19195	CHINA LAKE-C, CAL	5073	11 08	1 38 18.01			85 56 51	50 51 44		229304
19196	CHINA LAKE-C, CAL	5073	11 08	1 38 19.01			85 28 44	50 43 32		229304
19197	CHINA LAKE-C, CAL	5073	11 08	1 38 20.01			85 00 08	50 34 55		229304
19198	CHINA LAKE-C, CAL	5073	11 08	1 38 21.01			84 32 13	50 25 53		229304
19199	CHINA LAKE-C, CAL	5073	11 08	1 38 22.01			84 03 42	50 16 13		229304
19200	CHINA LAKE-C, CAL	5073	11 08	1 38 23.01			83 36 59	50 05 52		229304
19201	CHINA LAKE-C, CAL	5073	11 08	1 38 24.01			83 07 57	49 59 19		229304
19202	CHINA LAKE-C, CAL	5073	11 08	1 38 28.01			81 20 40	49 23 57		229304
19203	CHINA LAKE-C, CAL	5073	11 08	1 38 29.01			80 53 35	49 14 12		229304
19204	CHINA LAKE-C, CAL	5073	11 08	1 38 30.01			80 27 42	49 04 55		229304
19205	CHINA LAKE-C, CAL	5073	11 08	1 38 31.01			80 02 40	48 55 29		229304
19206	CHINA LAKE-C, CAL	5073	11 08	1 38 32.01			79 36 29	48 45 49		229304
19207	CHINA LAKE-C, CAL	5073	11 08	1 38 33.01			79 10 42	48 36 30		229304
19208	CHINA LAKE-C, CAL	5073	11 08	1 38 34.01			78 45 57	48 26 57		229304
19209	CHINA LAKE-C, CAL	5073	11 08	1 38 35.01			78 21 54	48 16 18		229304
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19211	CHINA LAKE-C, CAL	5073	11 08	1 38 37.01			77 37 48	47 57 30		229304
19212	CHINA LAKE-C, CAL	5073	11 08	1 38 38.01			77 11 53	47 47 33		229304
19213	CHINA LAKE-C, CAL	5073	11 08	1 38 39.01			76 46 44	47 37 22		229304
19214	CHINA LAKE-C, CAL	5073	11 08	1 38 40.01			76 21 08	47 27 59		229304
19215	CHINA LAKE-C, CAL	5073	11 08	1 38 41.01			75 55 14	47 19 10		229304
19216	CHINA LAKE-C, CAL	5073	11 08	1 38 42.01			75 34 49	47 07 38		229304
19217	CHINA LAKE-C, CAL	5073	11 08	1 38 43.01			75 11 06	46 55 35		229304
19218	CHINA LAKE-C, CAL	5073	11 08	1 38 44.01			74 48 56	46 47 15		229304
19219	CHINA LAKE-C, CAL	5073	11 08	1 38 45.01			74 26 00	46 38 24		229304
19220	CHINA LAKE-C, CAL	5073	11 08	1 38 46.01			74 03 32	46 26 41		229304
19221	CHINA LAKE-C, CAL	5073	11 08	1 38 47.01			73 42 30	46 16 22		229304
19222	CHINA LAKE-C, CAL	5073	11 08	1 38 48.01			73 21 36	46 06 03		229304
19223	CHINA LAKE-C, CAL	5073	11 08	1 38 49.01			73 00 36	45 57 06		229304
19224	CHINA LAKE-C, CAL	5073	11 08	1 38 50.01			72 38 00	45 45 18		229304
19225	CHINA LAKE-C, CAL	5073	11 08	1 38 51.01			72 17 51	45 34 58		229304
19226	CHINA LAKE-C, CAL	5073	11 08	1 38 52.01			71 56 51	45 24 24		229304
19227	CHINA LAKE-C, CAL	5073	11 08	1 38 53.01			71 36 22	45 13 55		229304
19228	CHINA LAKE-C, CAL	5073	11 08	1 38 54.01			71 16 36	45 01 59		229304
19229	CHINA LAKE-C, CAL	5073	11 08	1 38 55.01			70 55 44	44 52 52		229304
19230	CHINA LAKE-C, CAL	5073	11 08	1 38 56.01			70 34 26	44 42 58		229304
19231	CHINA LAKE-C, CAL	5073	11 08	1 38 57.01			70 17 06	44 32 16		229304
19232	CHINA LAKE-C, CAL	5073	11 08	1 38 58.01			69 56 21	44 21 49		229304
19233	CHINA LAKE-C, CAL	5073	11 08	1 38 59.01			69 37 32	44 10 00		229304
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19235	CHINA LAKE-C, CAL	5073	11 08	1 39 01.01			69 00 10	43 51 06		229304
19236	CHINA LAKE-C, CAL	5073	11 08	1 39 02.01			68 41 12	43 38 22		229304
19237	CHINA LAKE-C, CAL	5073	11 08	1 39 05.01			67 44 06	42 58 38		229304
19238	CHINA LAKE-C, CAL	5073	11 08	1 39 06.01			67 28 16	42 54 45		229304
19239	CHINA LAKE-C, CAL	5073	11 08	1 39 07.01			67 11 20	42 44 45		229304
19240	CHINA LAKE-C, CAL	5073	11 08	1 39 08.01			66 53 52	42 34 33		229304
19241	CHINA LAKE-C, CAL	5073	11 08	1 39 09.01			66 37 39	42 23 15		229304
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19243	CHINA LAKE-C, CAL	5073	11 08	1 39 11.01			66 03 13	42 02 31		229304
19244	CHINA LAKE-C, CAL	5073	11 08	1 39 12.01			65 45 49	41 51 24		229304
19245	CHINA LAKE-C, CAL	5073	11 08	1 39 13.01			65 32 17	41 38 45		229304
19246	CHINA LAKE-C, CAL	5073	11 08	1 39 14.01			65 13 40	41 30 12		229304
19247	CHINA LAKE-C, CAL	5073	11 08	1 39 15.01			64 49 56	41 16 50		229304
19248	CHINA LAKE-C, CAL	5073	11 08	1 39 31.01			60 59 59	38 29 56		229304
19249	CHINA LAKE-C, CAL	5073	11 08	1 39 32.01			60 48 50	38 19 08		229304
19250	CHINA LAKE-C, CAL	5073	11 08	1 39 33.01			60 34 24	38 08 52		229304
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19252	CHINA LAKE-C, CAL	5073	11 08	1 40 09.01			53 52 09	32 01 28		229304
19253	CHINA LAKE-C, CAL	5073	11 08	1 40 10.01			53 45 18	31 59 02		229304
19254	CHINA LAKE-C, CAL	5073	11 08	1 40 11.01			53 35 46	31 49 37		229304
19255	CHINA LAKE-C, CAL	5073	11 08	1 40 12.01			53 25 24	31 40 20		229304
19256	CHINA LAKE-C, CAL	5073	11 08	1 40 13.01			53 17 36	31 31 59		229304
19257	CHINA LAKE-C, CAL	5073	11 08	1 40 14.01			53 09 16	31 21 45		229304
19258	CHINA LAKE-C, CAL	5073	11 08	1 40 15.01			53 01 49	31 11 59		229304
19259	CHINA LAKE-C, CAL	5073	11 08	1 40 16.01			52 52 28	31 01 42		229304
19260	CHINA LAKE-C, CAL	5073	11 08	1 40 17.01			52 44 14	30 53 33		229304
19261	CHINA LAKE-C, CAL	5073	11 08	1 40 18.01			52 34 33	30 45 21		229304
19262	CHINA LAKE-C, CAL	5073	11 08	1 40 19.01			52 25 02	30 35 06		229304
19263	CHINA LAKE-C, CAL	5073	11 08	1 40 20.01			52 16 57	30 26 19		229304
19264	CHINA LAKE-C, CAL	5073	11 08	1 40 21.01			52 08 36	30 17 25		229304
19265	CHINA LAKE-C, CAL	5073	11 08	1 40 22.01			52 00 38	30 07 52		229304
19266	CHINA LAKE-C, CAL	5073	11 08	1 40 23.01			51 54 52	29 58 41		229304
19267	CHINA LAKE-C, CAL	5073	11 08	1 40 24.01			51 44 50	29 49 48		229304
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19269	CHINA LAKE-C, CAL	5073	11 08	1 40 26.01			51 30 51	29 31 45		229304
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19271	CHINA LAKE-C, CAL	5073	11 08	1 40 28.01			51 13 34	29 14 24		229304
19272	CHINA LAKE-C, CAL	5073	11 08	1 40 29.01			51 06 19	29 05 53		229304
19273	CHINA LAKE-C, CAL	5073	11 08	1 40 30.01			50 55 52	28 56 22		229304
19274	CHINA LAKE-C, CAL	5073	11 08	1 40 31.01			50 50 49	28 47 51		229304
19275	CHINA LAKE-C, CAL	5073	11 08	1 40 32.01			50 42 24	28 39 30		229304
19276	CHINA LAKE-C, CAL	5073	11 08	1 40 33.01			50 34 55	28 30 28		229304
19277	CHINA LAKE-C, CAL	5073	11 08	1 40 34.01			50 27 50	28 20 51		229304
19278	CHINA LAKE-C, CAL	5073	11 08	1 40 35.01			50 20 19	28 12 25		229304
19279	CHINA LAKE-C, CAL	5073	11 08	1 40 36.01			50 13 40	28 03 06		229304
19280	CHINA LAKE-C, CAL	5073	11 08	1 40 37.01			50 06 13	27 55 57		229304
19281	CHINA LAKE-C, CAL	5073	11 08	1 40 38.01			49 57 54	27 49 17		229304
19282	CHINA LAKE-C, CAL	5073	11 08	1 40 39.01			49 51 12	27 39 56		229304
19283	CHINA LAKE-C, CAL	5073	11 08	1 40 40.01			49 44 45	27 30 46		229304
19284	CHINA LAKE-C, CAL	5073	11 08	1 40 41.01			49 37 32	27 21 47		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
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19287	CHINA LAKE-C, CAL	5073	11 08	1 40 44.01			49 17 41	26 58 19		229304
19288	CHINA LAKE-C, CAL	5073	11 08	1 40 45.01			49 12 46	26 47 41		229304
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19290	CHINA LAKE-C, CAL	5073	11 08	1 40 47.01			48 57 04	26 30 36		229304
19291	CHINA LAKE-C, CAL	5073	11 08	1 40 48.01			48 52 04	26 23 17		229304
19292	CHINA LAKE-C, CAL	5073	11 08	1 40 49.01			48 43 47	26 15 30		229304
19293	CHINA LAKE-C, CAL	5073	11 08	1 40 50.01			48 40 19	26 07 42		229304
19294	CHINA LAKE-C, CAL	5073	11 08	1 40 51.01			48 31 07	25 58 58		229304
19295	CHINA LAKE-C, CAL	5073	11 09	1 40 52.01			48 23 51	25 50 57		229304
19296	CHINA LAKE-C, CAL	5073	11 08	1 40 53.01			48 18 30	25 43 04		229304
19297	CHINA LAKE-C, CAL	5073	11 08	1 40 54.01			48 12 31	25 35 02		229304
19298	CHINA LAKE-C, CAL	5073	11 08	1 40 55.01			48 05 55	25 26 54		229304
19299	CHINA LAKE-C, CAL	5073	11 08	1 40 56.01			47 58 50	25 19 45		229304
19300	CHINA LAKE-C, CAL	5073	11 08	1 40 57.01			47 52 30	25 11 18		229304
19301	CHINA LAKE-C, CAL	5073	11 08	1 40 58.01			47 48 21	25 02 57		229304
19302	CHINA LAKE-C, CAL	5073	11 08	1 40 59.01			47 41 50	24 55 55		229304
19303	CHINA LAKE-C, CAL	5073	11 08	1 41 00.01			47 36 27	24 46 29		229304
19304	CHINA LAKE-C, CAL	5073	11 08	1 41 01.01			47 30 26	24 38 38		229304
19305	CHINA LAKE-C, CAL	5073	11 08	1 41 02.01			47 23 39	24 31 39		229304
19306	CHINA LAKE-C, CAL	5073	11 08	1 41 04.01			47 14 13	24 16 10		229304
19307	CHINA LAKE-C, CAL	5073	11 08	1 41 05.01			47 06 45	24 08 19		229304
19308	CHINA LAKE-C, CAL	5073	11 08	1 41 06.01			47 00 03	24 01 09		229304
19309	CHINA LAKE-C, CAL	5073	11 08	1 41 07.01			46 55 07	23 52 54		229304
19310	CHINA LAKE-C, CAL	5073	11 08	1 41 08.01			46 49 56	23 45 05		229304
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19312	CHINA LAKE-C, CAL	5073	11 08	1 41 10.01			46 39 07	23 29 57		229304
19313	CHINA LAKE-C, CAL	5073	11 08	1 41 11.01			46 33 12	23 23 02		229304
19314	CHINA LAKE-C, CAL	5073	11 08	1 41 12.01			46 28 43	23 15 30		229304
19315	CHINA LAKE-C, CAL	5073	11 08	1 41 13.01			46 23 12	23 07 36		229304
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19324	CHINA LAKE-C, CAL	5073	11 08	1 42 47.01			40 16 46	13 11 32		229304
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19326	CHINA LAKE-C, CAL	5073	11 08	1 42 49.01			40 10 45	13 00 51		229304
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19334	CHINA LAKE-C, CAL	5073	11 08	1 42 57.01			39 49 08	12 18 22		229304
19335	CHINA LAKE-C, CAL	5073	11 08	1 42 58.01			39 46 50	12 13 14		229304
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19338	CHINA LAKE-C, CAL	5073	11 08	1 43 01.01			39 38 27	11 56 32		229304
19339	CHINA LAKE-C, CAL	5073	11 08	1 43 02.01			39 36 01	11 52 16		229304
19340	CHINA LAKE-C, CAL	5073	11 09	1 33 38.01			188 26 46	40 37 41		229304
19341	CHINA LAKE-C, CAL	5073	11 09	1 33 39.01			188 20 06	40 50 25		229304
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19343	CHINA LAKE-C, CAL	5073	11 09	1 33 41.01			188 12 00	41 13 10		229304
19344	CHINA LAKE-C, CAL	5073	11 09	1 33 44.01			187 43 35	41 56 07		229304
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19347	CHINA LAKE-C, CAL	5073	11 09	1 33 47.01			187 21 58	42 30 03		229304
19348	CHINA LAKE-C, CAL	5073	11 09	1 33 48.01			187 10 40	42 50 23		229304
19349	CHINA LAKE-C, CAL	5073	11 09	1 33 49.01			187 03 54	43 03 31		229304
19350	CHINA LAKE-C, CAL	5073	11 09	1 33 50.01			186 56 47	43 16 34		229304
19351	CHINA LAKE-C, CAL	5073	11 09	1 33 51.01			186 48 20	43 30 31		229304
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19353	CHINA LAKE-C, CAL	5073	11 09	1 33 53.01			186 29 59	43 58 39		229304
19354	CHINA LAKE-C, CAL	5073	11 09	1 33 54.01			186 21 14	44 10 55		229304
19355	CHINA LAKE-C, CAL	5073	11 09	1 33 55.01			186 13 26	44 26 14		229304
19356	CHINA LAKE-C, CAL	5073	11 09	1 33 56.01			186 05 44	44 40 59		229304
19357	CHINA LAKE-C, CAL	5073	11 09	1 33 57.01			185 55 00	44 54 33		229304
19358	CHINA LAKE-C, CAL	5073	11 09	1 33 58.01			185 45 18	45 08 49		229304
19359	CHINA LAKE-CT	5073	11 09	1 33 59.01			185 36 43	45 23 21		229304
19360	CHINA LAKE-C, CAL	5073	11 09	1 34 00.01			185 27 33	45 37 22		229304
19361	CHINA LAKE-C, CAL	5073	11 09	1 34 01.01			185 16 15	45 52 29		229304
19362	CHINA LAKE-C, CAL	5073	11 09	1 34 02.01			185 07 27	46 06 43		229304
19363	CHINA LAKE-C, CAL	5073	11 09	1 34 03.01			184 57 09	46 20 52		229304
19364	CHINA LAKE-C, CAL	5073	11 09	1 34 04.01			184 46 29	46 35 16		229304
19365	CHINA LAKE-C, CAL	5073	11 09	1 34 05.01			184 37 10	46 50 28		229304
19366	CHINA LAKE-C, CAL	5073	11 09	1 34 06.01			184 26 00	47 04 53		229304
19367	CHINA LAKE-C, CAL	5073	11 09	1 34 07.01			184 18 35	47 20 03		229304
19368	CHINA LAKE-C, CAL	5073	11 09	1 34 08.01			184 06 10	47 35 14		229304
19369	CHINA LAKE-C, CAL	5073	11 09	1 34 09.01			183 55 26	47 49 27		229304
19370	CHINA LAKE-C, CAL	5073	11 09	1 34 10.01			183 43 14	48 05 43		229304
19371	CHINA LAKE-C, CAL	5073	11 09	1 34 11.01			183 31 43	48 19 33		229304
19372	CHINA LAKE-C, CAL	5073	11 09	1 34 12.01			183 19 57	48 34 43		229304
19373	CHINA LAKE-C, CAL	5073	11 09	1 34 13.01			183 09 56	48 50 24		229304
19374	CHINA LAKE-C, CAL	5073	11 09	1 34 14.01			182 58 13	49 05 30		229304
19375	CHINA LAKE-C, CAL	5073	11 09	1 34 15.01			182 59 42	49 17 02		229304
19376	CHINA LAKE-C, CAL	5073	11 09	1 34 16.01			182 34 41	49 35 50		229304
19377	CHINA LAKE-C, CAL	5073	11 09	1 34 18.01			182 06 37	50 06 57		229304
19378	CHINA LAKE-C, CAL	5073	11 09	1 34 19.01			181 55 18	50 22 59		229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
19379	CHINA LAKE-C, CAL	5073	11 09	1 34 20.01	181 40 44	50 38 54				229304
19380	CHINA LAKE-C, CAL	5073	11 09	1 34 21.01	181 27 49	50 54 29				229304
19381	CHINA LAKE-C, CAL	5073	11 09	1 34 30.01	179 16 10	53 18 33				229304
19382	CHINA LAKE-C, CAL	5073	11 09	1 34 31.01	178 57 52	53 34 37				229304
19383	CHINA LAKE-C, CAL	5073	11 09	1 34 32.01	178 43 38	53 50 43				229304
19384	CHINA LAKE-C, CAL	5073	11 09	1 34 33.01	178 27 24	54 07 10				229304
19385	CHINA LAKE-C, CAL	5073	11 09	1 34 34.01	178 10 51	54 23 56				229304
19386	CHINA LAKE-C, CAL	5073	11 09	1 35 37.01	139 52 10	70 21 57				229304
19387	CHINA LAKE-C, CAL	5073	11 09	1 35 38.01	138 50 12	70 31 12				229304
19388	CHINA LAKE-C, CAL	5073	11 09	1 35 39.01	137 37 31	70 40 00				229304
19389	CHINA LAKE-C, CAL	5073	11 09	1 35 40.01	136 27 42	70 48 27				229304
19390	CHINA LAKE-C, CAL	5073	11 09	1 35 41.01	135 19 11	70 55 48				229304
19391	CHINA LAKE-C, CAL	5073	11 09	1 35 42.01	134 02 45	71 03 05				229304
19392	CHINA LAKE-C, CAL	5073	11 09	1 35 43.01	132 52 38	71 10 16				229304
19393	CHINA LAKE-C, CAL	5073	11 09	1 35 44.01	131 45 53	71 16 59				229304
19394	CHINA LAKE-C, CAL	5073	11 09	1 35 45.01	130 25 49	71 22 49				229304
19395	CHINA LAKE-C, CAL	5073	11 09	1 35 46.01	129 10 24	71 28 05				229304
19396	CHINA LAKE-C, CAL	5073	11 09	1 35 47.01	127 48 48	71 33 18				229304
19397	CHINA LAKE-C, CAL	5073	11 09	1 35 48.01	126 36 18	71 38 50				229304
19398	CHINA LAKE-C, CAL	5073	11 09	1 35 49.01	125 21 17	71 42 55				229304
19399	CHINA LAKE-C, CAL	5073	11 09	1 35 50.01	124 01 53	71 43 20				229304
19400	CHINA LAKE-C, CAL	5073	11 09	1 35 51.01	122 42 02	71 48 38				229304
19401	CHINA LAKE-C, CAL	5073	11 09	1 35 52.01	121 27 22	71 50 44				229304
19402	CHINA LAKE-C, CAL	5073	11 09	1 35 53.01	120 03 34	71 53 02				229304
19403	CHINA LAKE-C, CAL	5073	11 09	1 35 54.01	118 46 08	71 54 37				229304
19404	CHINA LAKE-C, CAL	5073	11 09	1 35 55.01	117 29 11	71 55 35				229304
19405	CHINA LAKE-C, CAL	5073	11 09	1 35 56.01	116 08 59	71 55 36				229304
19406	CHINA LAKE-C, CAL	5073	11 09	1 35 57.01	114 47 25	71 55 19				229304
19407	CHINA LAKE-C, CAL	5073	11 09	1 35 58.01	113 29 22	71 54 22				229304
19408	CHINA LAKE-C, CAL	5073	11 09	1 35 59.01	112 06 36	71 52 42				229304
19409	CHINA LAKE-C, CAL	5073	11 09	1 36 00.01	110 47 33	71 50 56				229304
19410	CHINA LAKE-C, CAL	5073	11 09	1 36 01.01	109 27 58	71 48 08				229304
19411	CHINA LAKE-C, CAL	5073	11 09	1 36 02.01	108 13 59	71 45 24				229304
19412	CHINA LAKE-C, CAL	5073	11 09	1 36 03.01	106 52 02	71 42 39				229304
19413	CHINA LAKE-C, CAL	5073	11 09	1 36 04.01	105 28 57	71 37 17				229304
19414	CHINA LAKE-C, CAL	5073	11 09	1 36 05.01	104 27 24	71 34 04				229304
19415	CHINA LAKE-C, CAL	5073	11 09	1 36 06.01	103 07 24	71 27 55				229304
19416	CHINA LAKE-C, CAL	5073	11 09	1 36 07.01	101 48 58	71 22 09				229304
19417	CHINA LAKE-C, CAL	5073	11 09	1 36 08.01	100 35 20	71 16 11				229304
19418	CHINA LAKE-C, CAL	5073	11 09	1 36 09.01	99 20 17	71 10 05				229304
19419	CHINA LAKE-C, CAL	5073	11 09	1 36 10.01	98 09 14	71 02 49				229304
19420	CHINA LAKE-C, CAL	5073	11 09	1 36 11.01	97 00 08	70 55 14				229304
19421	CHINA LAKE-C, CAL	5073	11 09	1 36 12.01	95 41 16	70 47 53				229304
19422	CHINA LAKE-C, CAL	5073	11 09	1 36 13.01	94 36 59	70 38 34				229304
19423	CHINA LAKE-C, CAL	5073	11 09	1 36 14.01	93 34 28	70 29 37				229304
19424	CHINA LAKE-C, CAL	5073	11 09	1 36 15.01	92 20 46	70 19 58				229304
19425	CHINA LAKE-C, CAL	5073	11 09	1 36 16.01	91 10 02	70 09 32				229304
19426	CHINA LAKE-C, CAL	5073	11 09	1 36 17.01	90 14 45	70 00 00				229304
19427	CHINA LAKE-C, CAL	5073	11 09	1 36 18.01	89 05 28	69 50 05				229304
19428	CHINA LAKE-C, CAL	5073	11 09	1 36 19.01	87 58 10	69 38 38				229304
19429	CHINA LAKE-C, CAL	5073	11 09	1 36 20.01	86 58 21	69 27 20				229304
19430	CHINA LAKE-C, CAL	5073	11 09	1 36 21.01	85 58 41	69 16 12				229304
19431	CHINA LAKE-C, CAL	5073	11 09	1 36 22.01	85 05 41	69 03 31				229304
19432	CHINA LAKE-C, CAL	5073	11 09	1 36 23.01	84 01 45	68 51 36				229304
19433	CHINA LAKE-C, CAL	5073	11 09	1 36 24.01	83 06 23	68 40 55				229304
19434	CHINA LAKE-C, CAL	5073	11 09	1 36 25.01	82 10 18	68 28 16				229304
19435	CHINA LAKE-C, CAL	5073	11 09	1 36 26.01	81 13 37	68 13 54				229304
19436	CHINA LAKE-C, CAL	5073	11 09	1 37 20.01	53 29 11	53 37 57				229304
19437	CHINA LAKE-C, CAL	5073	11 09	1 37 21.01	52 59 20	53 16 43				229304
19438	CHINA LAKE-C, CAL	5073	11 09	1 37 22.01	52 44 01	53 00 52				229304
19439	CHINA LAKE-C, CAL	5073	11 09	1 37 23.01	52 26 52	52 44 00				229304
19440	CHINA LAKE-C, CAL	5073	11 09	1 37 24.01	52 13 53	52 25 58				229304
19441	CHINA LAKE-C, CAL	5073	11 09	1 37 26.01	51 42 11	51 53 52				229304
19442	CHINA LAKE-C, CAL	5073	11 09	1 37 27.01	51 28 02	51 37 52				229304
19443	CHINA LAKE-C, CAL	5073	11 09	1 37 28.01	51 14 41	51 20 59				229304
19444	CHINA LAKE-C, CAL	5073	11 09	1 37 29.01	50 57 36	51 05 25				229304
19445	CHINA LAKE-C, CAL	5073	11 09	1 37 30.01	50 44 21	50 48 42				229304
19446	CHINA LAKE-C, CAL	5073	11 09	1 37 31.01	50 32 55	50 32 54				229304
19447	CHINA LAKE-C, CAL	5073	11 09	1 37 32.01	50 18 16	50 16 46				229304
19448	CHINA LAKE-C, CAL	5073	11 09	1 37 33.01	50 05 01	50 02 21				229304
19449	CHINA LAKE-C, CAL	5073	11 09	1 37 34.01	49 53 28	49 44 37				229304
19450	CHINA LAKE-C, CAL	5073	11 09	1 37 35.01	49 38 56	49 28 43				229304
19451	CHINA LAKE-C, CAL	5073	11 09	1 37 36.01	49 28 29	49 12 35				229304
19452	CHINA LAKE-C, CAL	5073	11 09	1 37 37.01	49 15 13	48 57 55				229304
19453	CHINA LAKE-C, CAL	5073	11 09	1 37 38.01	49 03 19	48 42 54				229304
19454	CHINA LAKE-C, CAL	5073	11 09	1 37 39.01	48 49 52	48 26 15				229304
19455	CHINA LAKE-C, CAL	5073	11 09	1 37 40.01	48 38 09	48 10 31				229304
19456	CHINA LAKE-C, CAL	5073	11 09	1 37 41.01	48 27 42	47 54 47				229304
19457	CHINA LAKE-C, CAL	5073	11 09	1 37 42.01	48 15 49	47 39 11				229304
19458	CHINA LAKE-C, CAL	5073	11 09	1 37 43.01	48 07 16	47 25 17				229304
19459	CHINA LAKE-C, CAL	5073	11 09	1 37 44.01	47 54 31	47 09 40				229304
19460	CHINA LAKE-C, CAL	5073	11 09	1 37 45.01	47 44 20	46 53 00				229304
19461	CHINA LAKE-C, CAL	5073	11 09	1 37 46.01	47 32 02	46 38 23				229304
19462	CHINA LAKE-C, CAL	5073	11 09	1 37 47.01	47 21 42	46 23 11				229304
19463	CHINA LAKE-C, CAL	5073	11 09	1 37 48.01	47 11 30	46 08 41				229304
19464	CHINA LAKE-C, CAL	5073	11 09	1 37 49.01	47 01 29	45 52 49				229304
19465	CHINA LAKE-C, CAL	5073	11 09	1 37 50.01	46 52 11	45 38 14				229304
19466	CHINA LAKE-C, CAL	5073	11 09	1 37 51.01	46 42 51	45 23 20				229304
19467	CHINA LAKE-C, CAL	5073	11 09	1 37 52.01	46 32 18	45 08 37				229304
19468	CHINA LAKE-C, CAL	5073	11 09	1 37 53.01	46 22 38	44 54 34				229304
19469	CHINA LAKE-C, CAL	5073	11 09	1 37 54.01	46 13 54	44 39 01				229304
19470	CHINA LAKE-C, CAL	5073	11 09	1 37 55.01	46 04 52	44 24 53				229304
19471	CHINA LAKE-C, CAL	5073	11 09	1 37 56.01	45 55 22	44 10 11				229304
19472	CHINA LAKE-C, CAL	5073	11 09	1 37 57.01	45 46 47	43 56 47				229304
19473	CHINA LAKE-C, CAL	5073	11 09	1 37 58.01	45 37 02	43 44 13				229304

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
19474	CHINA LAKE-C, CAL	5073	11 09	1 37 59.01			45 29 06	43 27 22		229304
19475	CHINA LAKE-C, CAL	5073	11 09	1 38 00.01			45 19 48	43 13 52		229304
19476	CHINA LAKE-C, CAL	5073	11 09	1 38 01.01			45 12 02	42 59 25		229304
19477	CHINA LAKE-C, CAL	5073	11 09	1 40 16.01			35 51 53	20 05 23		229304
19478	CHINA LAKE-C, CAL	5073	11 09	1 40 17.01			35 49 30	19 58 52		229304
19479	CHINA LAKE-C, CAL	5073	11 09	1 40 18.01			35 47 33	19 51 17		229304
19480	CHINA LAKE-C, CAL	5073	11 09	1 40 19.01			35 45 29	19 44 05		229304
19481	CHINA LAKE-C, CAL	5073	11 09	1 40 20.01			35 44 11	19 36 49		229304
19482	CHINA LAKE-C, CAL	5073	11 09	1 40 21.01			35 41 47	19 30 04		229304
19483	CHINA LAKE-C, CAL	5073	11 09	1 40 22.01			35 39 45	19 23 08		229304
19484	CHINA LAKE-C, CAL	5073	11 09	1 40 23.01			35 38 16	19 16 20		229304
19485	CHINA LAKE-C, CAL	5073	11 09	1 40 24.01			35 36 04	19 09 02		229304
19486	CHINA LAKE-C, CAL	5073	11 09	1 40 25.01			35 34 16	19 02 30		229304
19487	CHINA LAKE-C, CAL	5073	11 09	1 40 26.01			35 33 24	18 55 05		229304
19488	CHINA LAKE-C, CAL	5073	11 09	1 40 27.01			35 30 10	18 48 15		229304
19489	CHINA LAKE-C, CAL	5073	11 09	1 40 28.01			35 28 23	18 41 14		229304
19490	CHINA LAKE-C, CAL	5073	11 09	1 40 29.01			35 26 44	18 34 46		229304
19491	CHINA LAKE-C, CAL	5073	11 09	1 40 30.01			35 24 38	18 28 28		229304

1958 DELTA 2

ADDITIONS TO OBSERVATION LISTINGS PREVIOUSLY PUBLISHED IN SAO
SPECIAL REPORTS FOR THE YEAR 1960.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00510	STANFORD-RADAR, CAL.	4028	3 12	0 06 31			306	42	290	895307
00511	STANFORD-RADAR, CAL.	4028	3 14	23 13 57			240	38	270	895307

1958 DELTA 2

CORRECTIONS TO OBSERVATION LISTINGS PREVIOUSLY PUBLISHED IN SAO
SPECIAL REPORTS FOR THE YEAR 1959.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
13145	ALAMOGORDO, N.M.	5013	11 07	1 39 40.0	20 25	50 30				629009
13144	ALAMOGORDO, N.M.	5013	11 08	1 40 56.0	5 20	86 30				629009
13285	LAREDO-RADAR, TEXAS	4012	12 02	17 47 42			2 12	36 30	1193	895307
13286	LAREDO-RADAR, TEXAS	4012	12 02	17 48 01			2 12	36 30	1286	895307
13287	LAREDO-RADAR, TEXAS	4012	12 04	17 18 23.5			332 42	76 18	876	895307
13288	LAREDO-RADAR, TEXAS	4012	12 04	17 18 34.5			332 42	76 18	886	895307
13295	LAREDO-RADAR, TEXAS	4012	12 11	15 26 43.5			323 06	67 12	874	895307
13296	LAREDO-RADAR, TEXAS	4012	12 11	15 27 00			323 06	67 12	906	895307
13297	LAREDO-RADAR, TEXAS	4012	12 11	15 28 38			11 00	32 36	1244	895307
13298	LAREDO-RADAR, TEXAS	4012	12 11	15 29 04.5			11 00	32 36	1322	895307
13317	LAREDO-RADAR, TEXAS	4012	12 14	14 31 12			335 36	73 06	834	895307
13318	LAREDO-RADAR, TEXAS	4012	12 14	14 31 25			335 36	73 06	856	895307
13345	LAREDO-RADAR, TEXAS	4012	12 15	14 11 27			346 18	75 54	816	895307
13346	LAREDO-RADAR, TEXAS	4012	12 15	14 11 46.5			346 18	75 54	837	895307
17061	LAREDO-RADAR, TEXAS	4012	12 23	21 13 36			67 24	11 54	934	895307
17062	LAREDO-RADAR, TEXAS	4012	12 23	21 13 52			67 24	11 54	937	895307

1958 DELTA 2

CORRECTIONS TO OBSERVATION LISTINGS PREVIOUSLY PUBLISHED IN SAO
SPECIAL REPORTS FOR THE YEAR 1960.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00002	LAREDO-RADAR, TEXAS	4012	1 08	16 48 43			68 24	13 18	899	895307
00003	LAREDO-RADAR, TEXAS	4012	1 08	16 48 56			68 24	13 18	858	895307
00016	LAREDO-RADAR, TEXAS	4012	1 16	5 24 09.4			275 12	58	780	895307
00017	LAREDO-RADAR, TEXAS	4012	1 16	5 24 21.3			275 12	58	767	895307
00020	LAREDO-RADAR, TEXAS	4012	1 19	14 55 05.5			255 48	10 48	871	895307
00021	LAREDO-RADAR, TEXAS	4012	1 19	14 55 15.5			255 48	10 48	862	895307
00067	LAREDO-RADAR, TEXAS	4012	1 27	2 41 23.2			322 42	27 00	1135	895307
00068	LAREDO-RADAR, TEXAS	4012	1 27	2 41 40.8			322 42	27 00	1170	895307
00166	LAREDO-B, TEXAS	4012	1 29	1 10 55.5			73 06	49 30	757	895307
00167	LAREDO-B, TEXAS	4012	1 29	1 11 11.2			73 06	49 30	800	895307
00173	LAREDO-B, TEXAS	4012	1 29	2 46 31.5			313 45 00	9 30	1845	895307
00174	LAREDO-B, TEXAS	4012	1 29	2 46 48.0			313 45 00	9 30	1776	895307
00293	LAREDO-RADAR, TEXAS	4012	2 16	21 18 16.5			313 45	10 00	1824	895307
00294	LAREDO-RADAR, TEXAS	4012	2 16	21 18 27			313 45	10 00	1832	895307
00298	LAREDO-RADAR, TEXAS	4012	2 24	17 46 29.2			234 30	39 06	748	895307

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00299	LAREDO-RADAR, TEXAS	4012	2 24	17 46 43.5			234 30	39 06	681	895307
00300	LAREDO-RADAR, TEXAS	4012	2 25	16 39 48.0			168	10 24	1760	895307
00301	LAREDO-RADAR, TEXAS	4012	2 25	16 40 04.5			168	10 24	1609	895307
00302	LAREDO-RADAR, TEXAS	4012	2 25	18 17 43.5			313 45 00	12 30	1367	895307
00303	LAREDO-RADAR, TEXAS	4012	2 25	18 18 06.0			313 45 00	12 30	1387	895307
00306	LAREDO-RADAR, TEXAS	4012	2 27	2 53 18			140 24	1 30	1092	895307
00307	LAREDO-RADAR, TEXAS	4012	2 27	2 53 52.5			140 24	1 30	1334	895307
00308	LAREDO-RADAR, TEXAS	4012	2 27	2 53 58.5			140 24	1 30	1391	895307
00309	LAREDO-RADAR, TEXAS	4012	2 27	2 54 19.5			140 24	1 30	1534	895307
00310	LAREDO-RADAR, TEXAS	4012	3 01	2 34 18.0			314 00	2 06	1607	895307
00311	LAREDO-RADAR, TEXAS	4012	3 01	2 34 49.5			314 00	2 06	1396	895307
00314	LAREDO-RADAR, TEXAS	4012	3 02	1 28 52.5			65 12	18 12	565	895307
00315	LAREDO-RADAR, TEXAS	4012	3 02	1 29 03.7			65 12	18 12	565	895307
00322	LAREDO-RADAR, TEXAS	4012	3 02	14 41 36			110 06	16	1305	895307
00323	LAREDO-RADAR, TEXAS	4012	3 02	14 41 42.5			110 06	16	1305	895307
00324	LAREDO-RADAR, TEXAS	4012	3 02	14 41 47			110 06	16	1305	895307
00325	LAREDO-RADAR, TEXAS	4012	3 02	14 41 57.5			110 06	16	1305	895307
00331	LAREDO-RADAR, TEXAS	4012	3 07	14 58 04.5			309 48	13 42	1213	895307
00332	LAREDO-RADAR, TEXAS	4012	3 07	14 58 19.5			309 48	13 42	1224	895307
00386	LAREDO-RADAR, TEXAS	4012	3 14	12 11 28.5			252 48	41 00	566	895307
00387	LAREDO-RADAR, TEXAS	4012	3 14	12 11 38			252 48	41 00	531	895307
00384	LAREDO-RADAR, TEXAS	4012	3 14	21 46 30.7			124	12 36	656	895307
00385	LAREDO-RADAR, TEXAS	4012	3 14	21 46 49.5			124	12 36	776	895307
00388	LAREDO-RADAR, TEXAS	4012	3 15	12 24 51.8			312 24	15 54	1011	895307
00389	LAREDO-RADAR, TEXAS	4012	3 15	12 25 12			312 24	15 54	1039	895307
00426	LAREDO-RADAR, TEXAS	4012	3 19	19 27 06.7			52	1 30	1378	895307
00427	LAREDO-RADAR, TEXAS	4012	3 19	19 27 36.0			52	1 30	1359	895307
00428	LAREDO-RADAR, TEXAS	4012	3 19	20 59 43.0			265 54	10	746	895307
00429	LAREDO-RADAR, TEXAS	4012	3 19	20 59 55.5			265 54	10	713	895307
00430	LAREDO-RADAR, TEXAS	4012	3 24	18 12 49			46 54	3 24	1046	895307
00431	LAREDO-RADAR, TEXAS	4012	3 24	18 13 02			46 54	3 24	1028	895307
00432	LAREDO-RADAR, TEXAS	4012	3 24	19 45 08.5			256 12	3 18	1056	895307
00433	LAREDO-RADAR, TEXAS	4012	3 24	19 49 19			256 12	3 18	1037	895307
00434	LAREDO-RADAR, TEXAS	4012	3 25	18 13 24			79 06	12 30	657	895307
00435	LAREDO-RADAR, TEXAS	4012	3 25	18 13 34			79 06	12 30	685	895307
00436	LAREDO-RADAR, TEXAS	4012	3 26	18 09 31			355 24	10 30	833	895307
00437	LAREDO-RADAR, TEXAS	4012	3 26	18 10 01.5			355 24	10 30	622	895307
00438	LAREDO-RADAR, TEXAS	4012	3 28	7 05 19.5			98 24	12 24	994	895307
00439	LAREDO-RADAR, TEXAS	4012	3 28	7 05 34.5			98 24	12 24	1019	895307
00440	LAREDO-RADAR, TEXAS	4012	3 28	8 36 28.5			295 12	9 36	1135	895307
00441	LAREDO-RADAR, TEXAS	4012	3 28	8 36 45.0			295 12	9 36	1124	895307
00443	LAREDO-RADAR, TEXAS	4012	3 29	6 58 16.5			129 48	19 30	772	895307
00444	LAREDO-RADAR, TEXAS	4012	3 29	6 58 30.0			129 48	19 30	743	895307
00445	LAREDO-RADAR, TEXAS	4012	3 29	8 30 23.2			299 18	5 24	1378	895307
00446	LAREDO-RADAR, TEXAS	4012	3 29	8 30 46.5			299 18	5 24	1365	895307
00447	LAREDO-RADAR, TEXAS	4012	3 30	6 50 16.5			137 42	29 48	559	895307
00448	LAREDO-RADAR, TEXAS	4012	3 30	6 50 24.0			137 42	29 48	537	895307
00449	LAREDO-RADAR, TEXAS	4012	3 30	8 23 00.0			313 45 00	2 12	1578	895307
00450	LAREDO-RADAR, TEXAS	4012	3 30	8 23 28.5			313 45 00	2 12	1600	895307
00462	LAREDO-RADAR, TEXAS	4012	3 31	6 39 02.2			180	19 24	781	895307
00463	LAREDO-RADAR, TEXAS	4012	3 31	6 39 32.2			180	19 24	596	895307
00464	LAREDO-RADAR, TEXAS	4012	3 31	8 12 15.7			304 42	0 48	1717	895307
00465	LAREDO-RADAR, TEXAS	4012	3 31	8 12 24.0			304 42	0 48	1713	895307
00468	LAREDO-RADAR, TEXAS	4012	3 31	16 03 37.5			48 24	4 06	1043	895307
00469	LAREDO-RADAR, TEXAS	4012	3 31	16 03 48			48 24	4 06	1032	895307
00466	LAREDO-RADAR, TEXAS	4012	3 31	17 35 15			253 42	5 36	1022	895307
00467	LAREDO-RADAR, TEXAS	4012	3 31	17 35 33			253 42	5 36	1006	895307
00472	LAREDO-RADAR, TEXAS	4012	4 01	15 21 07.5			252 18	4 36	1110	895307
00473	LAREDO-RADAR, TEXAS	4012	4 01	15 21 25.5			252 18	4 36	1093	895307
00470	LAREDO-RADAR, TEXAS	4012	4 01	15 49 41.8			49 42	5 00	966	895307
00471	LAREDO-RADAR, TEXAS	4012	4 01	15 50 03.3			49 42	5 00	936	895307
00474	LAREDO-RADAR, TEXAS	4012	4 01	17 21 07.5			252 18	4 36	1098	895307
00475	LAREDO-RADAR, TEXAS	4012	4 01	17 21 25.5			252 18	4 36	1093	895307
00476	LAREDO-RADAR, TEXAS	4012	4 02	6 13 09			28 06	13 24	698	895307
00477	LAREDO-RADAR, TEXAS	4012	4 02	6 13 49.5			28 06	13 24	976	895307
00478	LAREDO-RADAR, TEXAS	4012	4 02	15 32 07			49 48	6 30	941	895307
00479	LAREDO-RADAR, TEXAS	4012	4 02	15 32 25.5			49 48	6 30	911	895307
00480	LAREDO-RADAR, TEXAS	4012	4 02	17 03 13.5			252 00	2 54	1113	895307
00481	LAREDO-RADAR, TEXAS	4012	4 02	17 03 28			252 00	2 54	1113	895307
00488	LAREDO-RADAR, TEXAS	4012	4 03	5 53 40.5			26 48	12 42	804	895307
00489	LAREDO-RADAR, TEXAS	4012	4 03	5 53 52.5			26 48	12 42	906	895307
00482	LAREDO-RADAR, TEXAS	4012	4 03	15 10 32			35 51 00	4 10 48	1059	895307
00483	LAREDO-RADAR, TEXAS	4012	4 03	15 10 47			35 51 00	4 10 48	1019	895307
00484	LAREDO-RADAR, TEXAS	4012	4 03	16 42 05.5			249 12	3 48	1056	895307
00485	LAREDO-RADAR, TEXAS	4012	4 03	16 42 25			249 12	3 48	1056	895307
00486	LAREDO-RADAR, TEXAS	4012	4 04	5 29 19.5			39 48	8 30	433	895307

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00487	LAREDO-RADAR, TEXAS	4012	4 04	5 30 04.5			39 48	8 30	526	895307
00490	LAREDO-RADAR, TEXAS	4012	4 05	5 00 37.5			128 45 00	21	433	895307
00491	LAREDO-RADAR, TEXAS	4012	4 05	5 00 43.5			128 45 00	21	433	895307
00492	LAREDO-RADAR, TEXAS	4012	4 05	6 31 07.5			307 06	1	1545	895307
00493	LAREDO-RADAR, TEXAS	4012	4 05	6 31 52			307 06	1	1545	895307

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SPECIAL REPORTS FOR THE YEAR 1959.

OBS NO	STATION	STA NO	DATE	TIME	R. A.	DECL.	AZIMUTH	ALTITUDE	RANGE	INDEX
00053	TOKYO-BN, JAPAN	9005	1 15	18 28 28.47	12 29 30	30 14				434013
00054	TOKYO-BN, JAPAN	9005	1 15	18 28 47.60	12 45	32 24				434013
00055	TOKYO-BN, JAPAN	9005	1 15	18 29 44.99	13 35 24	37 53				434013
00064	TOKYO-BN, JAPAN	9005	1 16	18 58 24.05	10 48 18	46 35				434013
00065	TOKYO-BN, JAPAN	9005	1 16	18 59 40.73	72 08 54	57 07				434013
00066	TOKYO-BN, JAPAN	9005	1 16	19 00 19.03	13 21 18	60 09				434013

NOTICE

This series of Special Reports was instituted under the supervision of Dr. F. L. Whipple, Director of the Astrophysical Observatory of the Smithsonian Institution, shortly after the launching of the first artificial earth satellite on October 4, 1957. Contributions come from the Staff of the Observatory. First issued to ensure the immediate dissemination of data for satellite tracking, the Reports have continued to provide a rapid distribution of catalogues of satellite observations, orbital information, and preliminary results of data analyses prior to formal publication in the appropriate journals.

Edited and produced under the supervision of Mrs. L. G. Boyd and Mr. E. N. Hayes, the Reports are indexed by the Science and Technology Division of the Library of Congress, and are regularly distributed to all institutions participating in the U.S. space research program and to individual scientists who request them from the Administrative Officer, Technical Information, Smithsonian Astrophysical Observatory, Cambridge 38, Massachusetts.

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